

**FIG. 1**

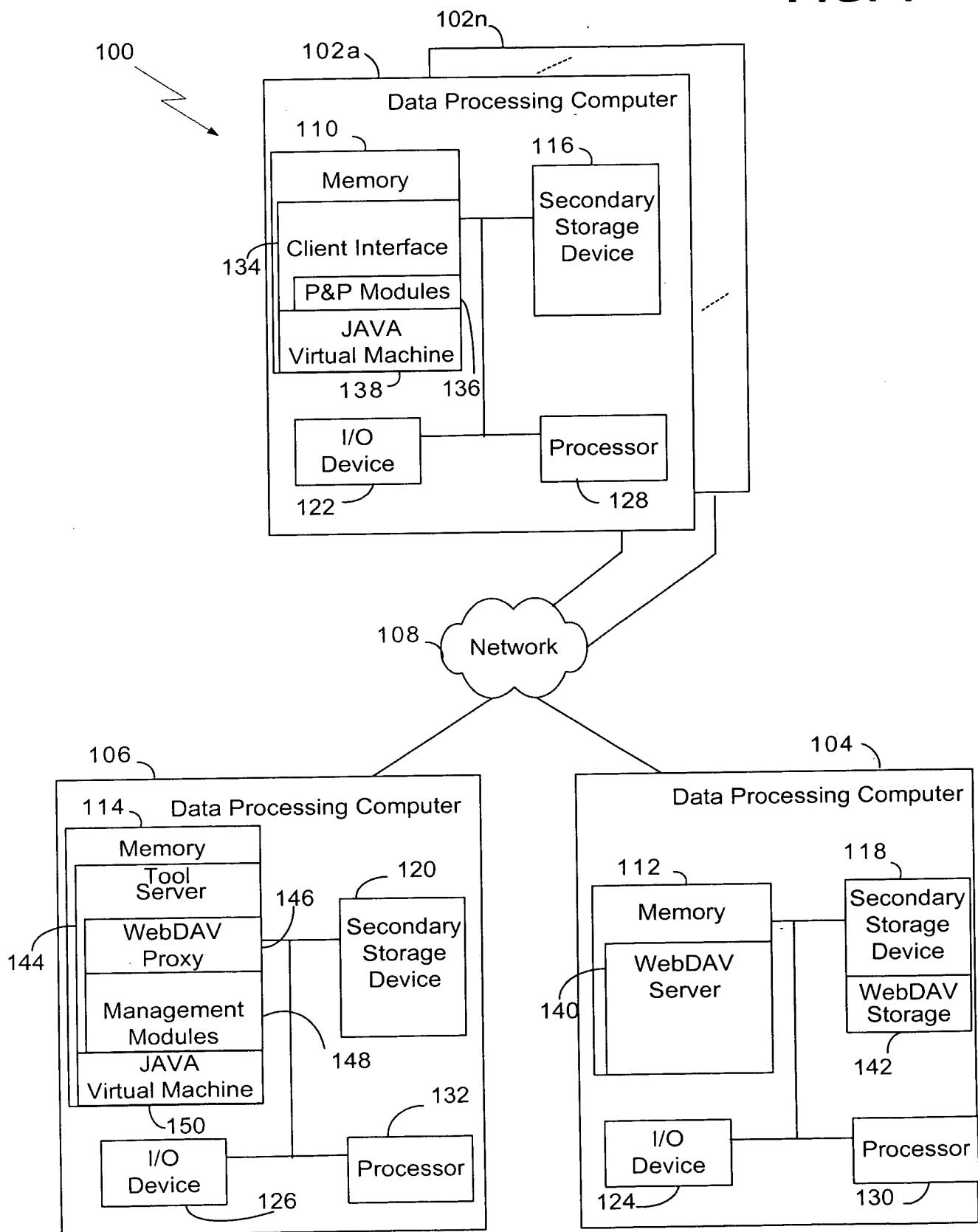
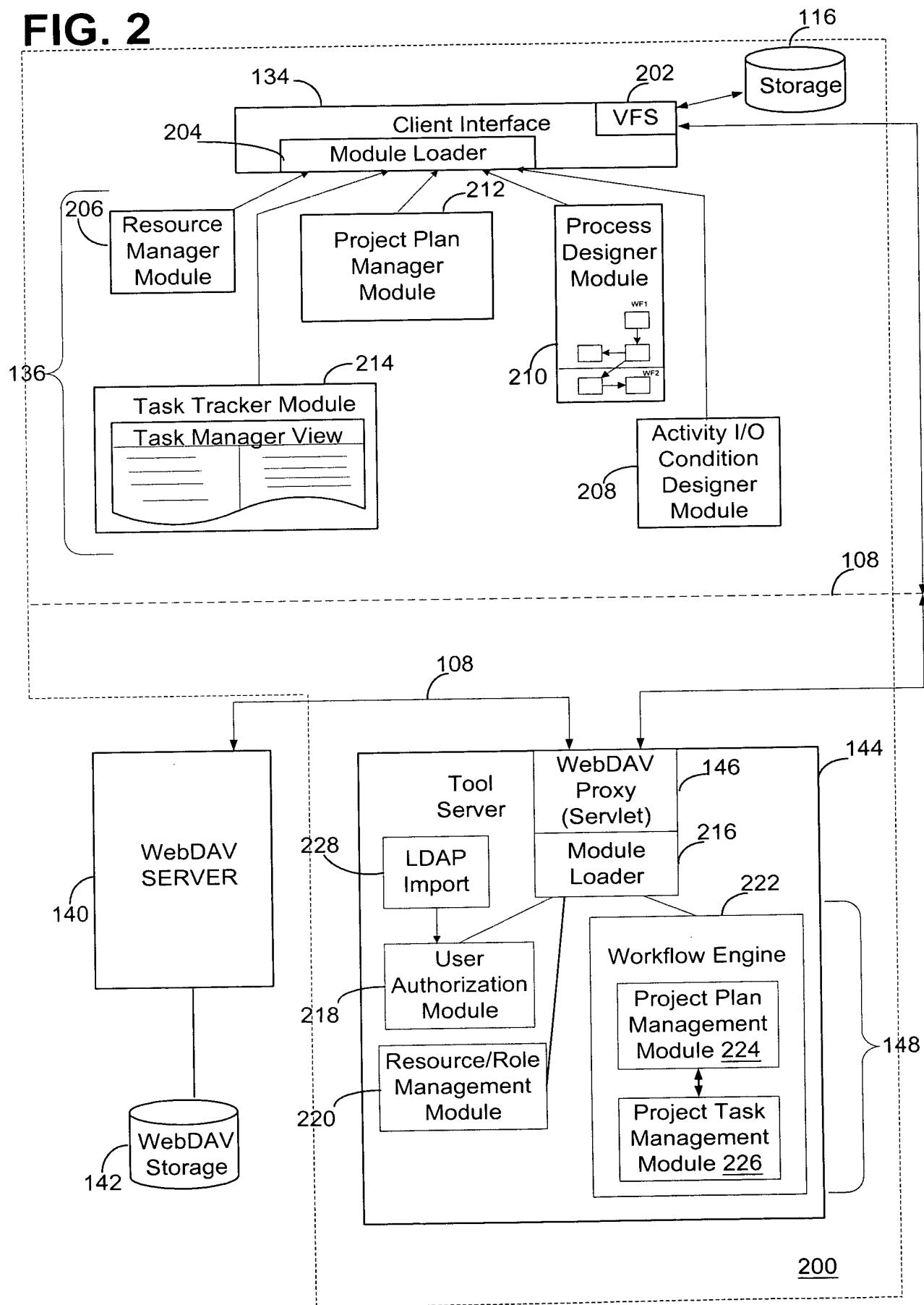
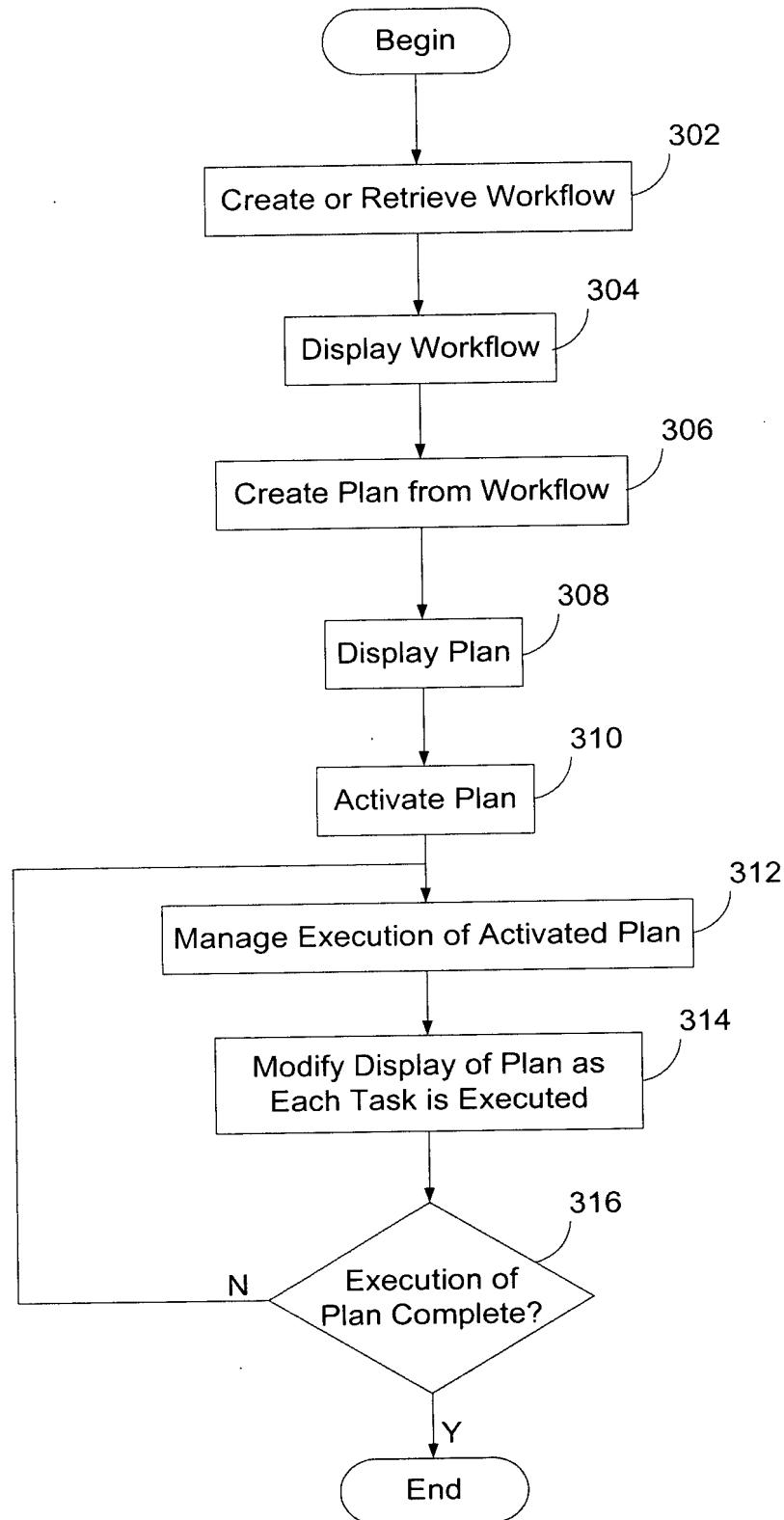
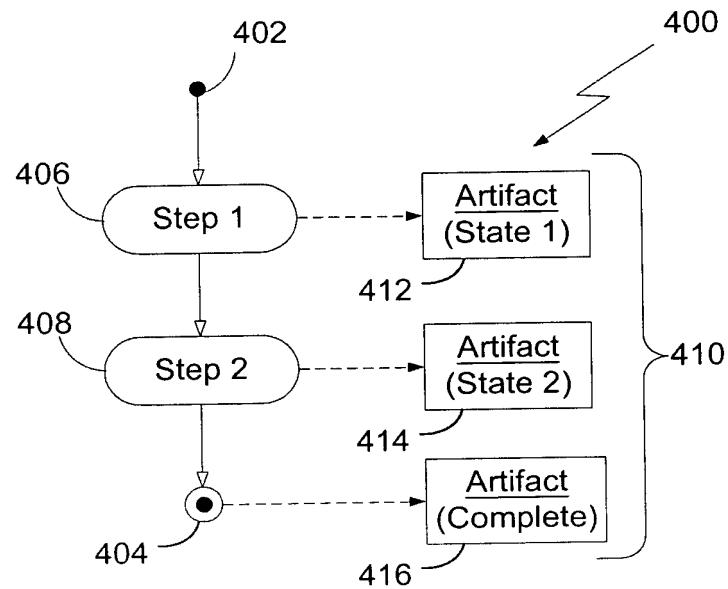
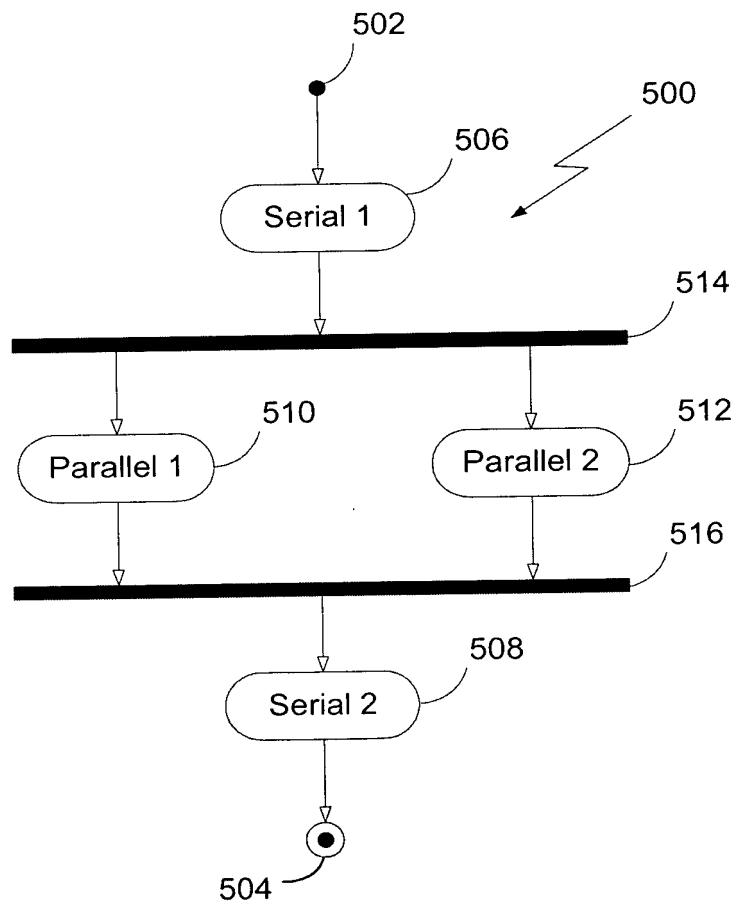


FIG. 2



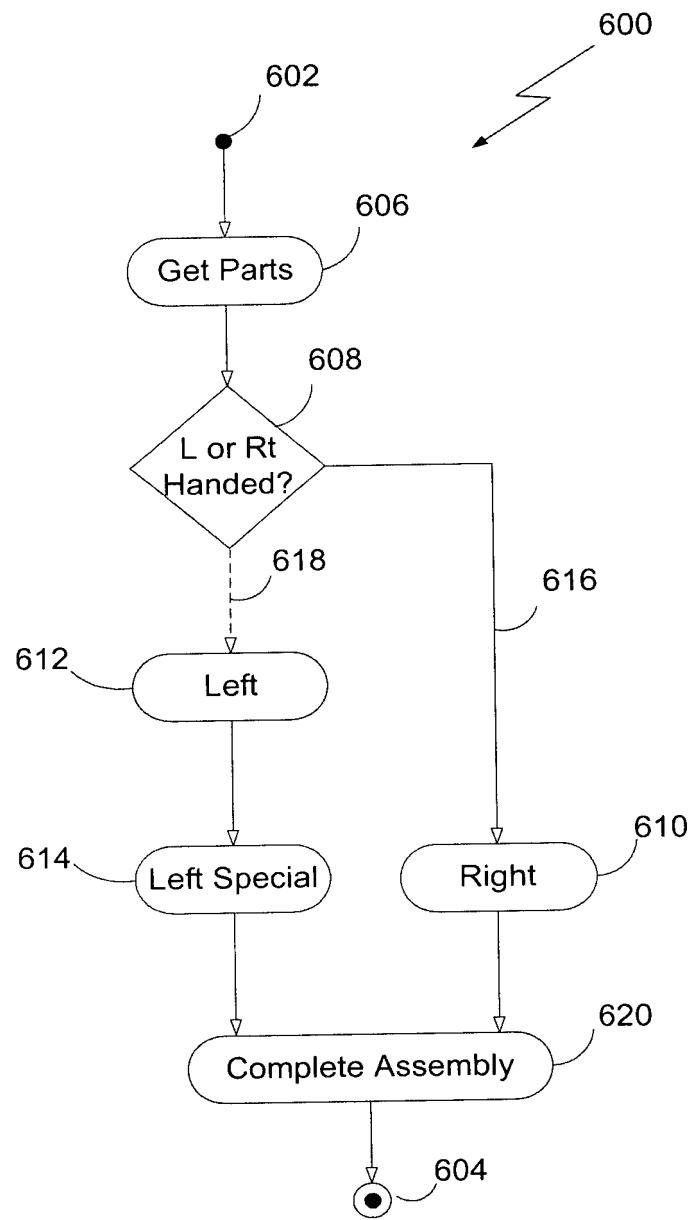
**FIG. 3**



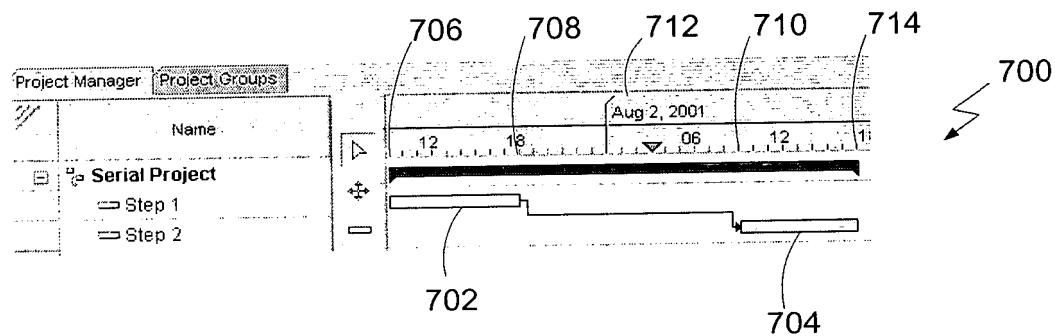
**FIG. 4****FIG. 5**

**FIG. 6**

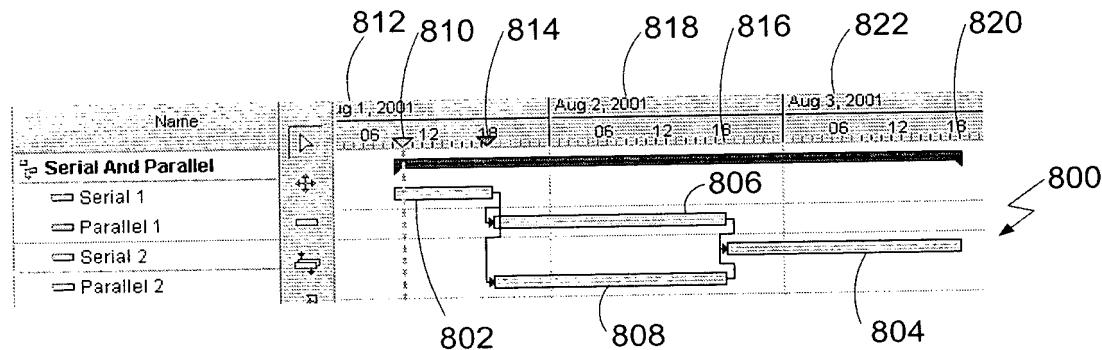
PROPOSED X699660



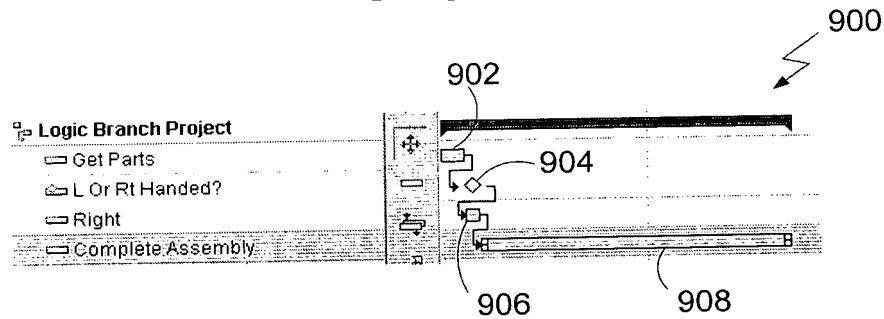
**FIG. 7**



**FIG. 8**

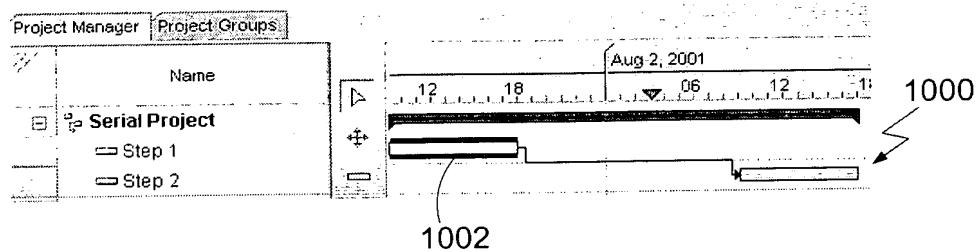


**FIG. 9**

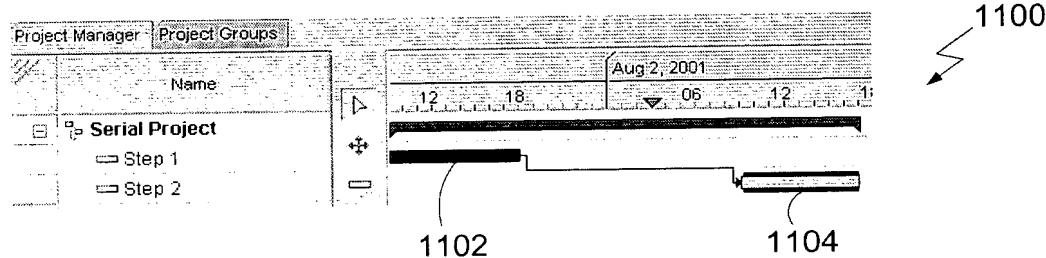


003414-2001080-1010

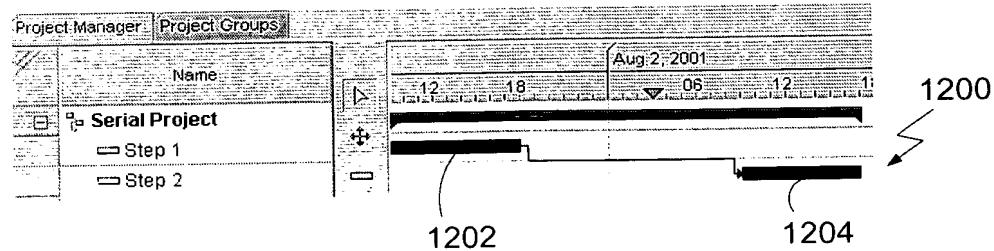
# FIG. 10



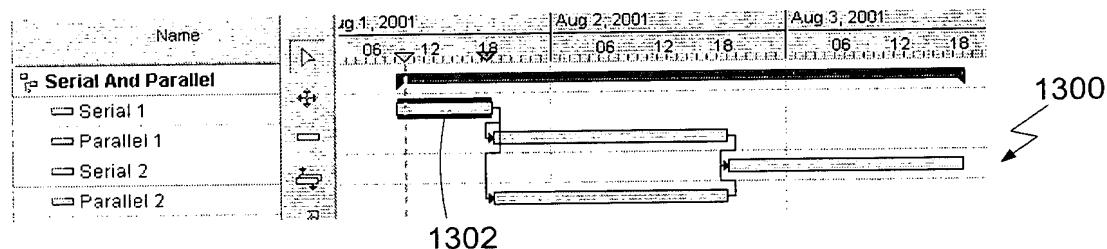
# FIG. 11



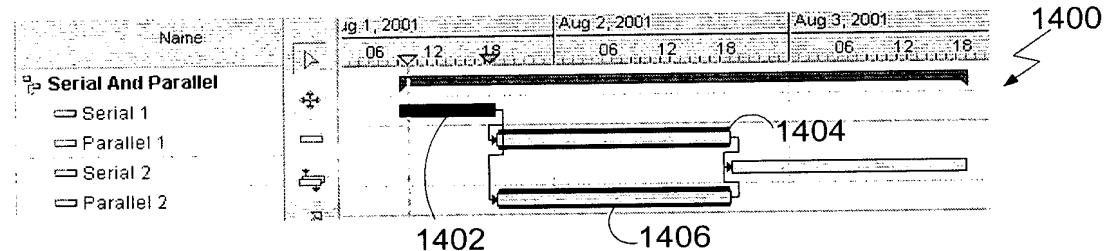
# FIG. 12



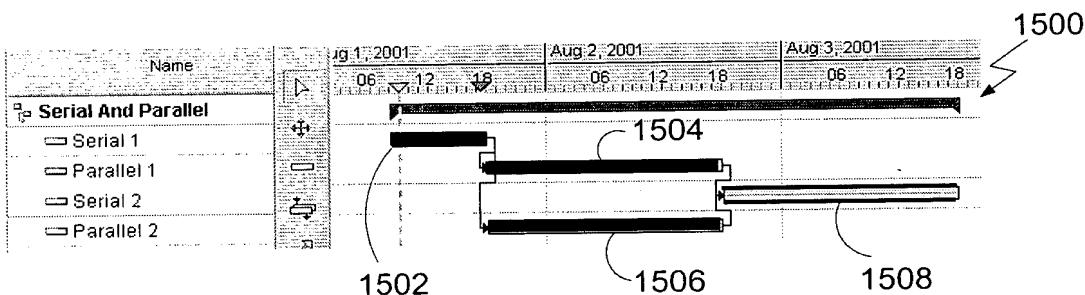
# FIG. 13



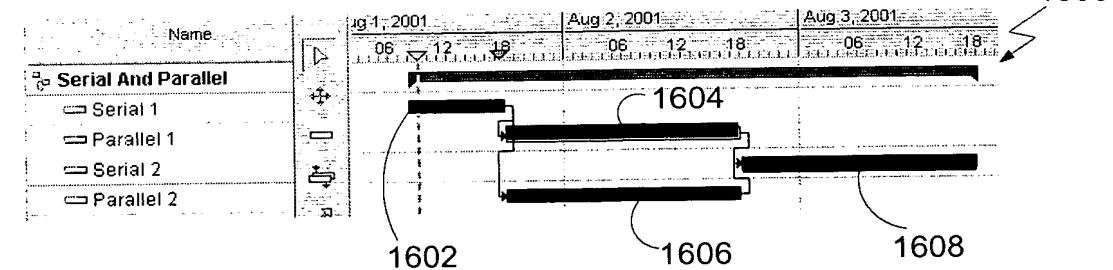
# FIG. 14



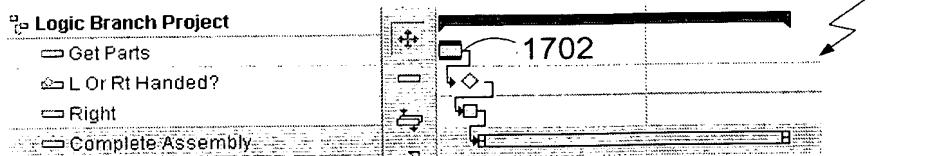
# FIG. 15



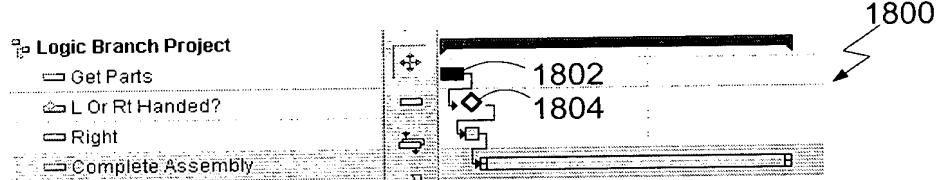
# FIG. 16



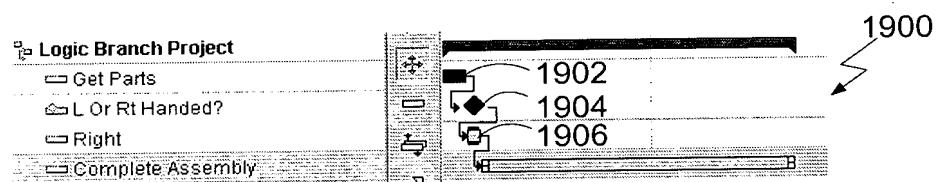
## FIG. 17



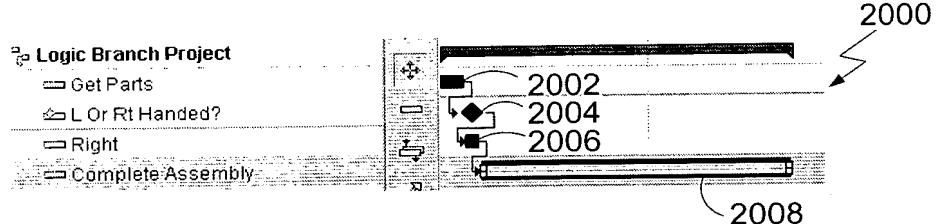
## FIG. 18



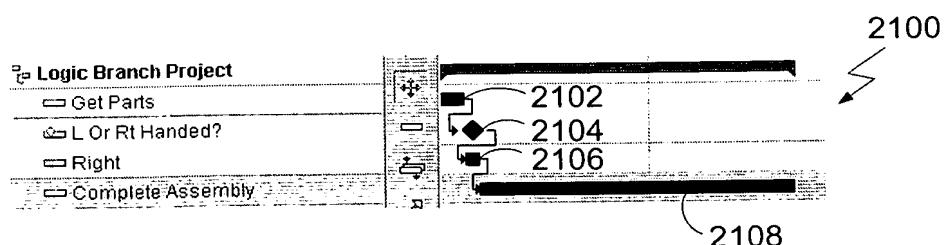
## FIG. 19



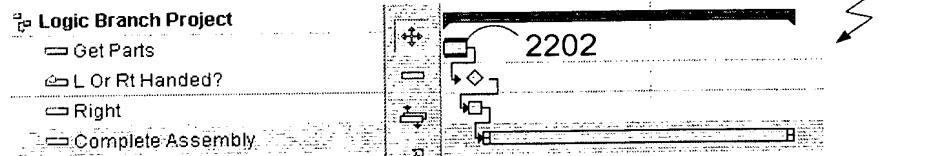
## FIG. 20



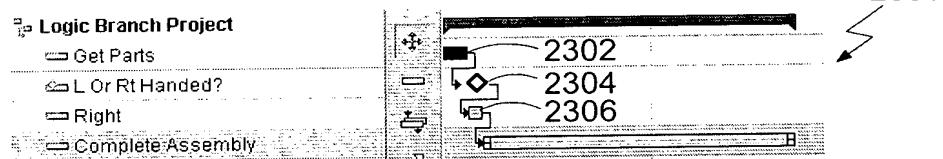
## FIG. 21



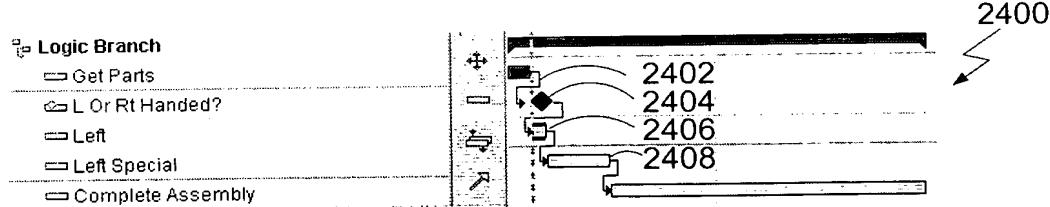
**FIG. 22**



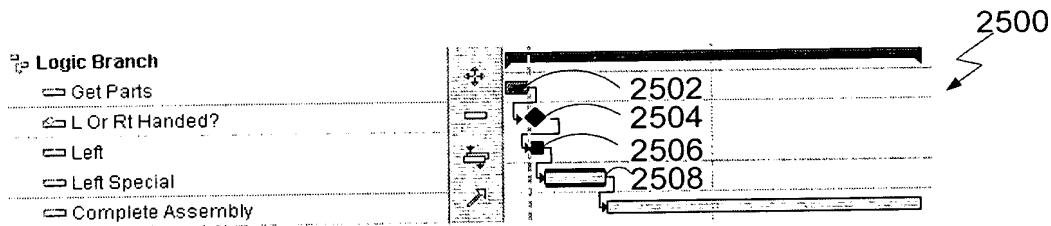
**FIG. 23**



**FIG. 24**

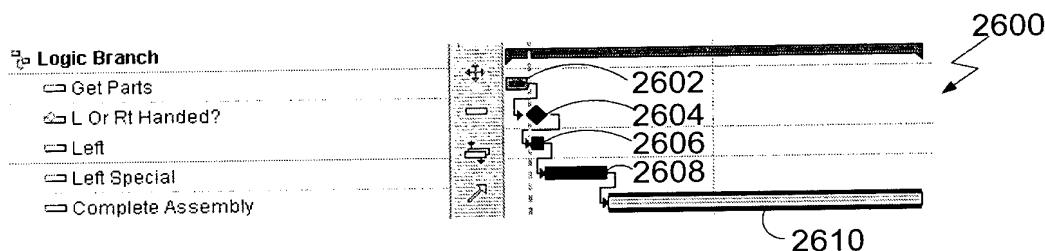


**FIG. 25**

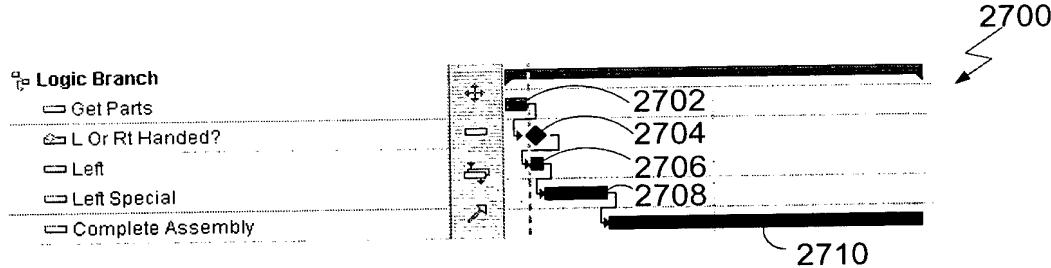


00043162004040

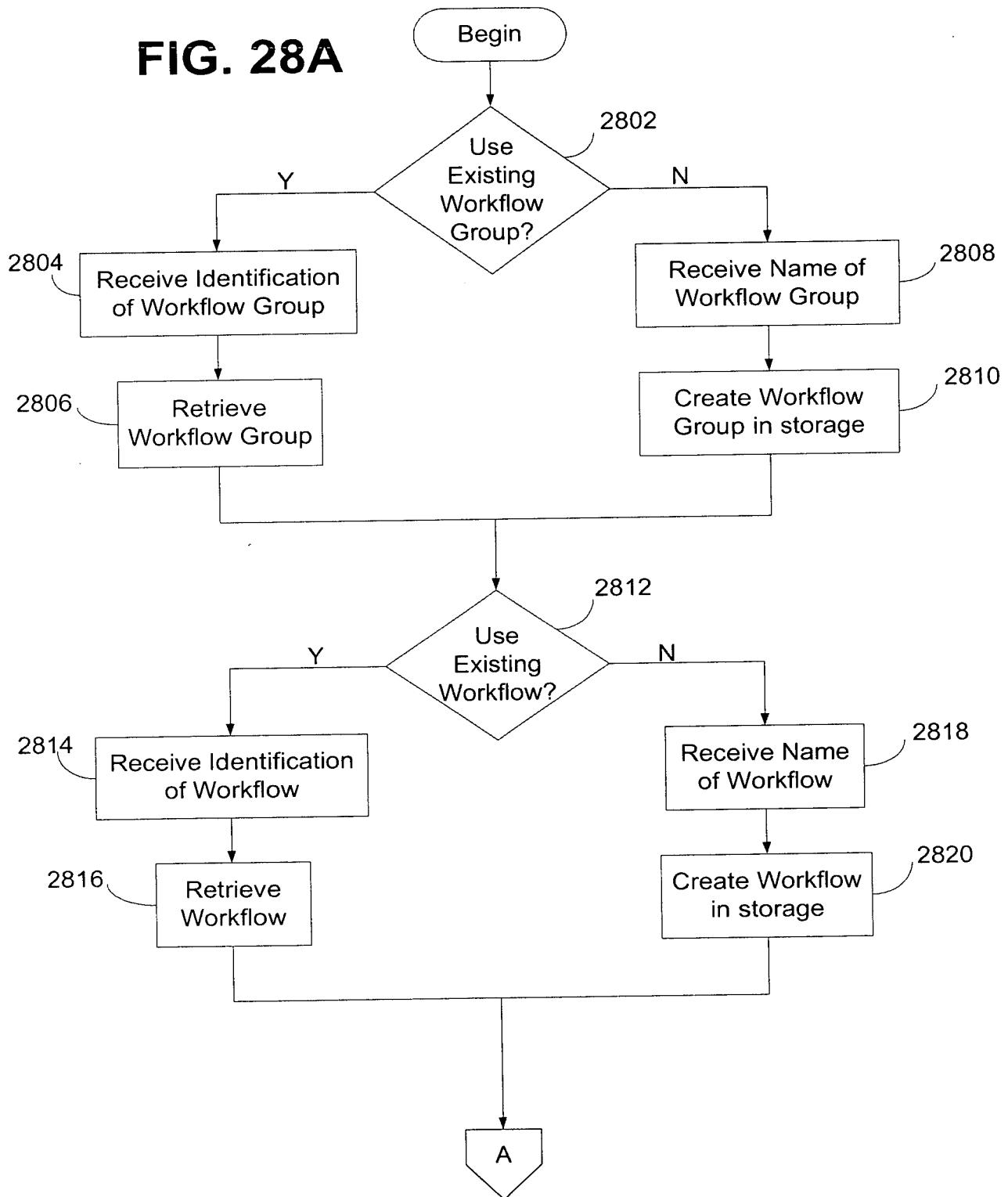
**FIG. 26**



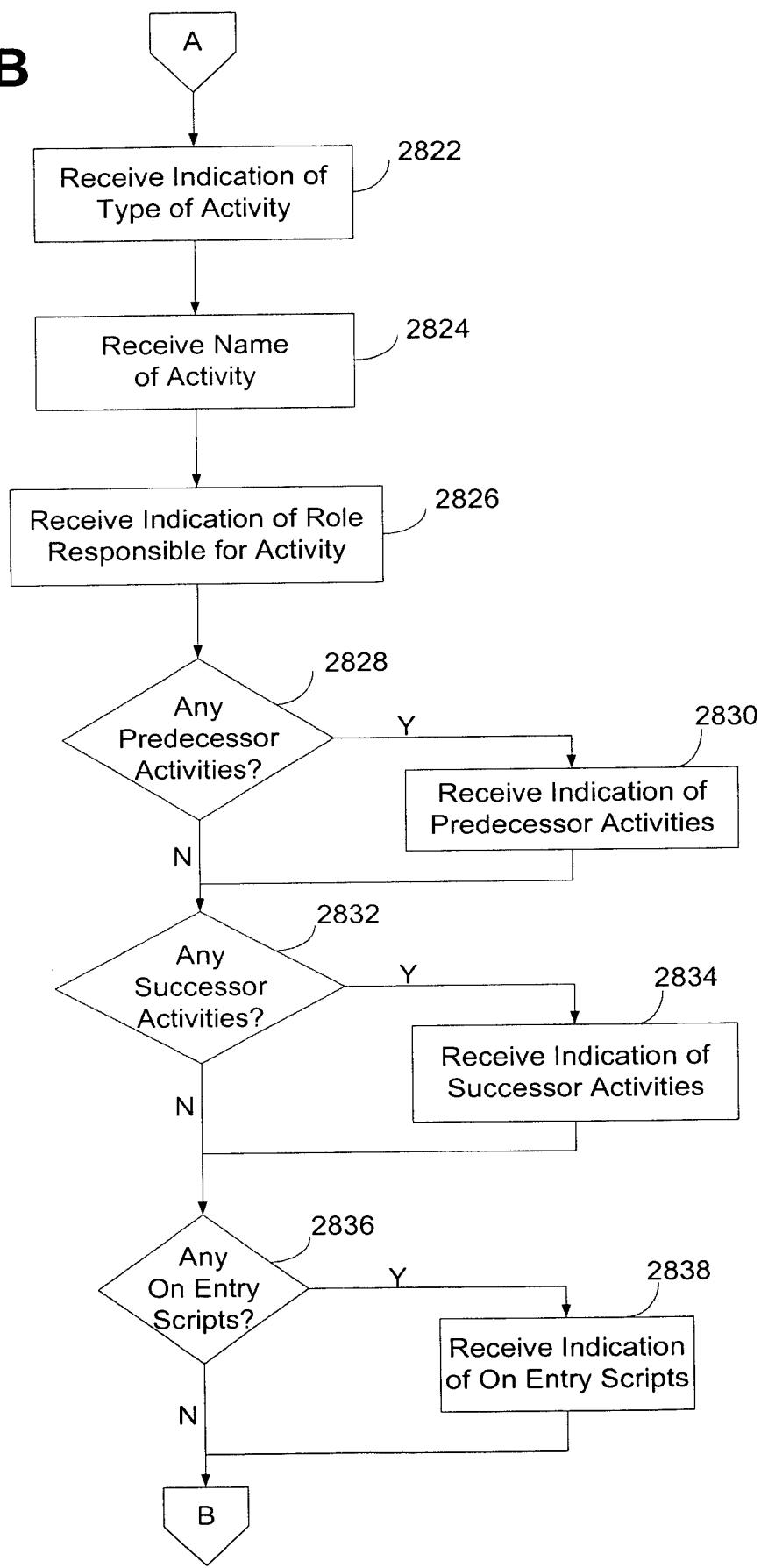
**FIG. 27**



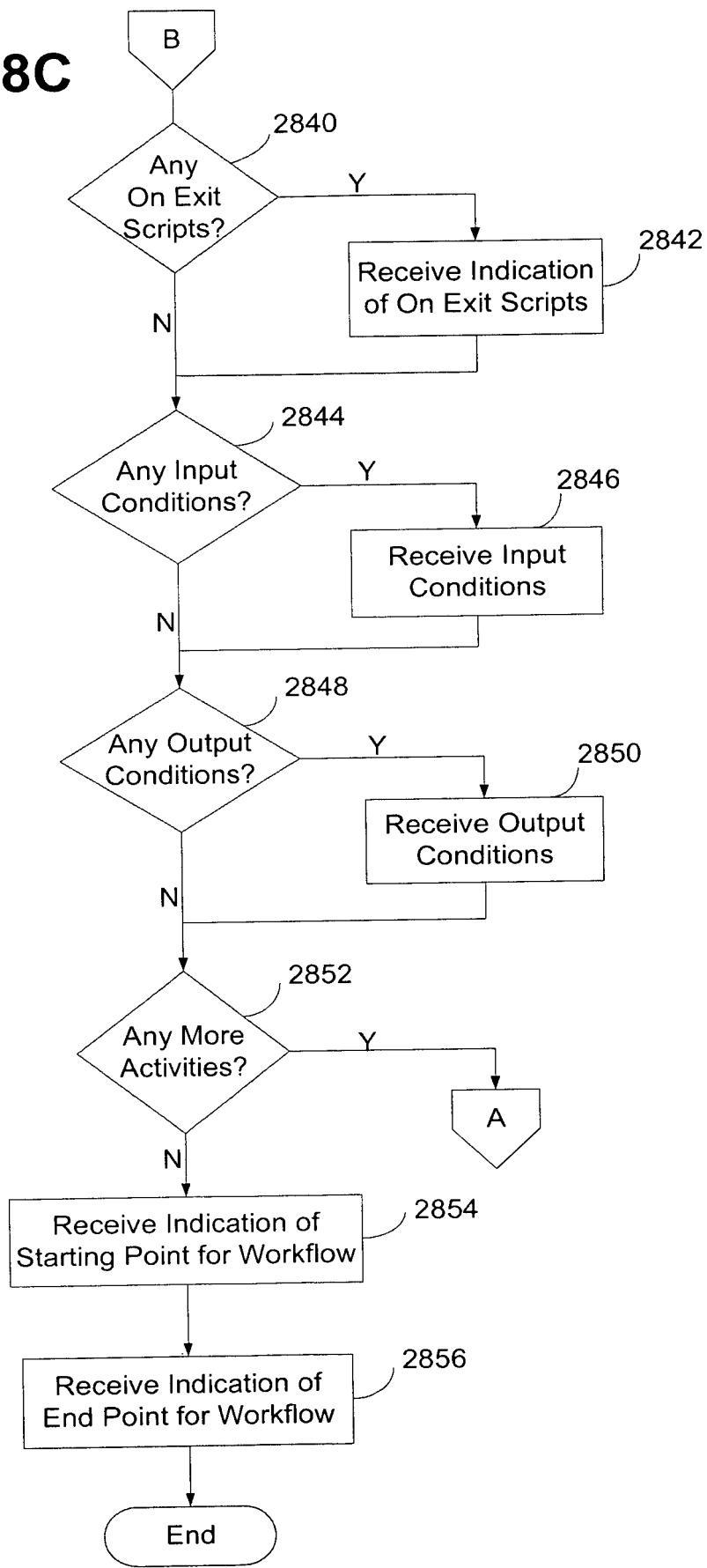
**FIG. 28A**



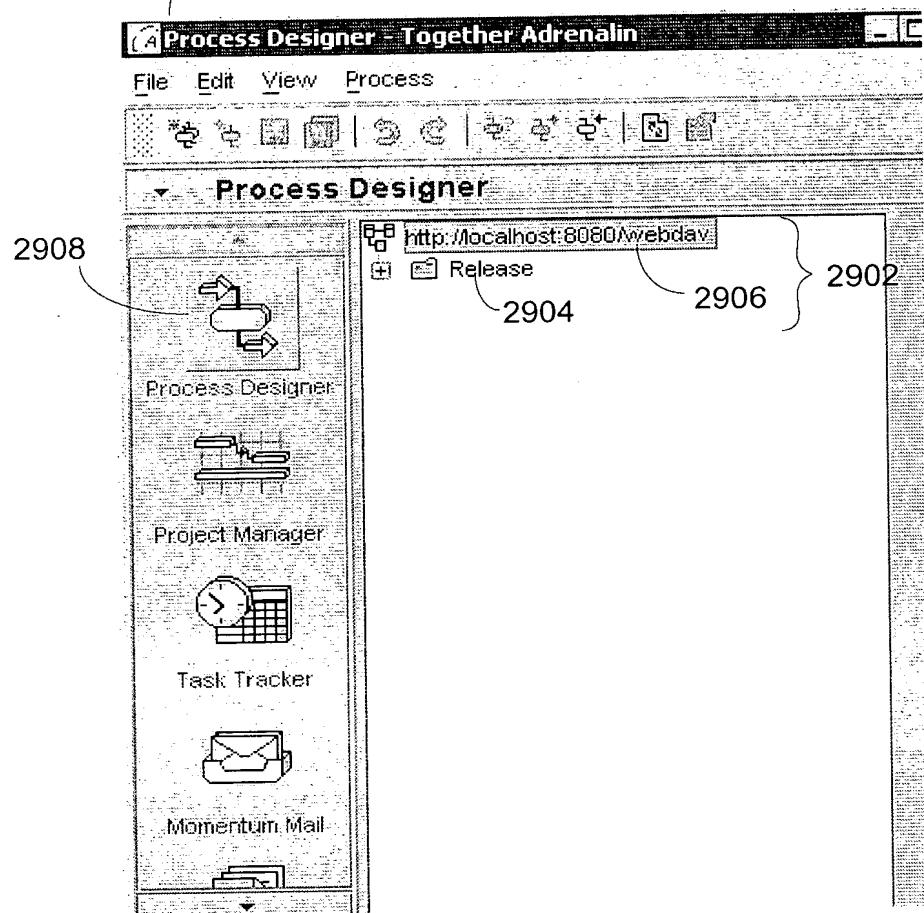
**FIG. 28B**



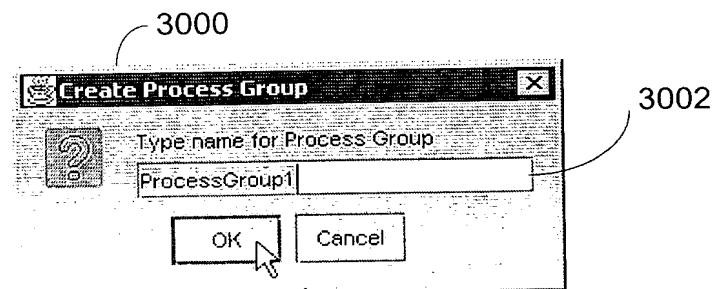
**FIG. 28C**



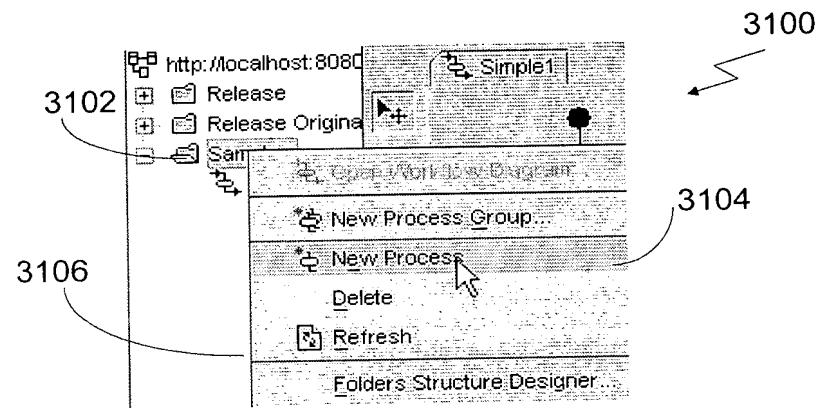
**FIG. 29**



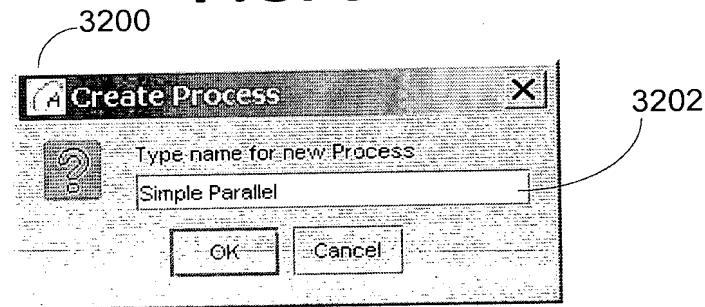
**FIG. 30**



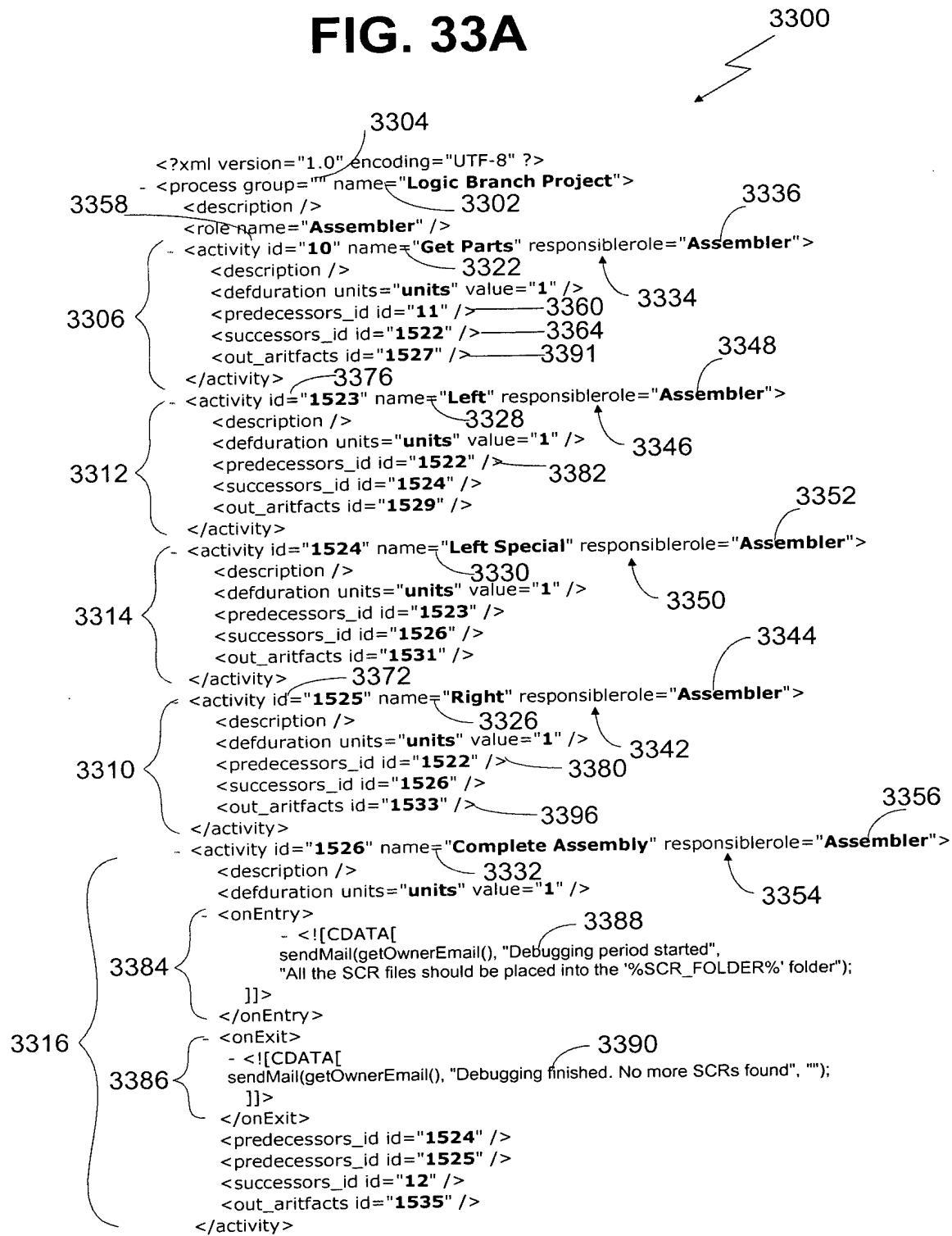
**FIG. 31**



**FIG. 32**



# FIG. 33A



**FIG. 33B**

3394 {

- <artifact id="1527" identity="linkable1" name="Document is INITIAL">  
    <description>The condition becomes true when the %Document% artifact gets the INITIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>  
    <type>linkable</type>  
    <link link="%Document%" />  
    <state>INITIAL</state>  
    <event id="1528" />  
  </artifact>
- <artifact id="1529" identity="linkable1" name="Document is LEFT">  
    <description>The condition becomes true when the %Document% artifact gets the LEFT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>  
    <type>linkable</type>  
    <link link="%Document%" />  
    <state>LEFT</state>  
    <event id="1530" />  
  </artifact>
- <artifact id="1531" identity="linkable1" name="Document is LEFT SPECIAL">  
    <description>The condition becomes true when the %Document% artifact gets the LEFT SPECIAL state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>  
    <type>linkable</type>  
    <link link="%Document%" />  
    <state>LEFT SPECIAL</state>  
    <event id="1532" />  
  </artifact>
- <artifact id="1533" identity="linkable1" name="Document is RIGHT">  
    <description>The condition becomes true when the %Document% artifact gets the RIGHT state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>  
    <type>linkable</type>  
    <link link="%Document%" />  
    <state>RIGHT</state>  
    <event id="1534" />  
  </artifact>
- <artifact id="1535" identity="linkable1" name="Document is APPROVED">  
    <description>The condition becomes true when the %Document% artifact gets the APPROVED state. To make this condition valid you should define the %Document% parameter and optionally define the document template and the application to open the document.</description>  
    <type>linkable</type>  
    <link link="%Document%" />  
    <state>APPROVED</state>  
    <event id="1536" />  
  </artifact>

# FIG. 33C

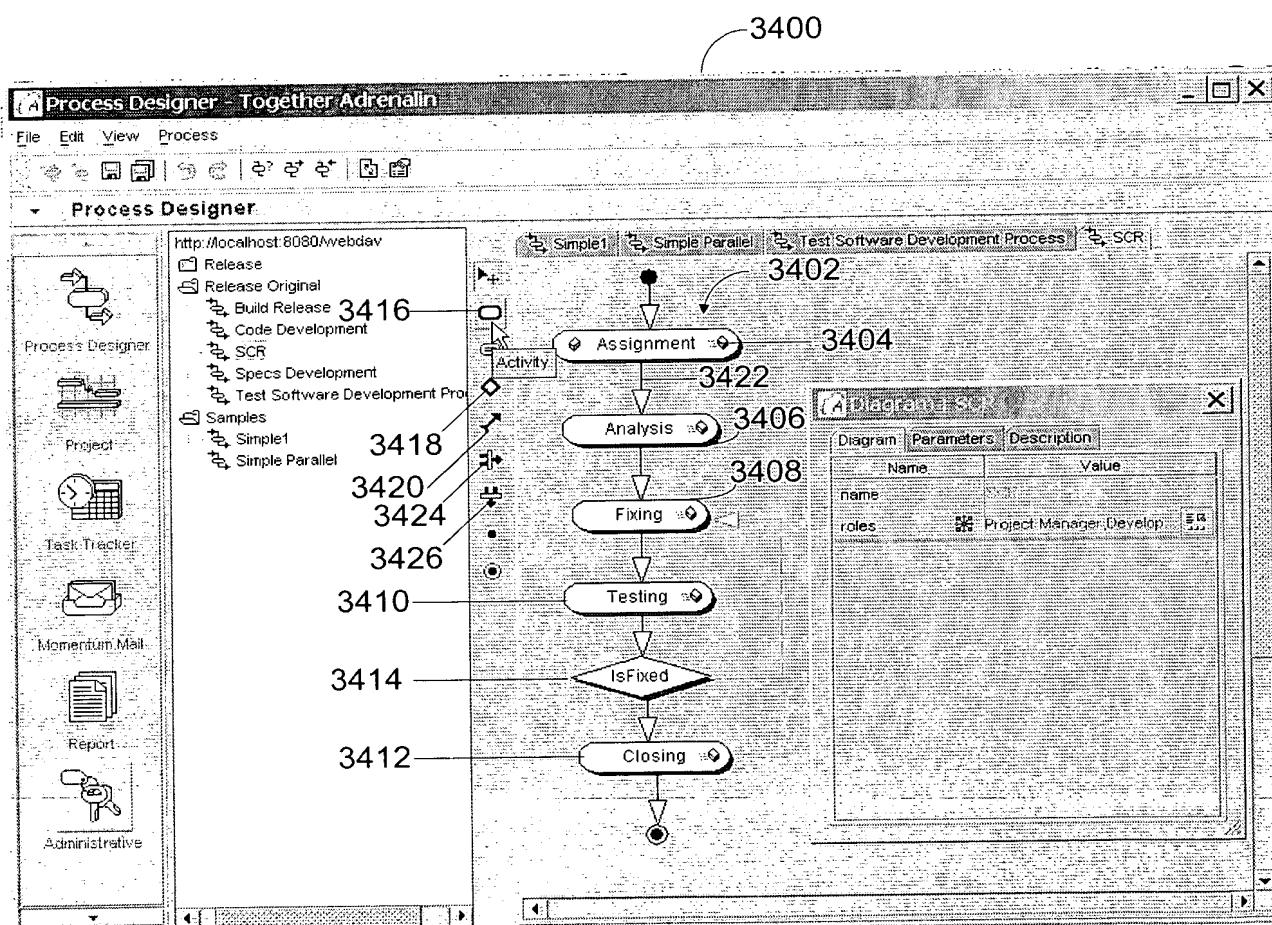
```

3308 } - <logic id="1522" name="L or Rt Handed?" responsiblerole="Assembler">
3366   <description /> 3324
3318   - <script>
3320     - <![CDATA[
3318       approved()
3320         ]]>
3318       </script>
3320       <predecessors_id id="10" /> 3368
3318       <other_path_id id="1525" /> 3370
3320       <other_path_id id="1523" /> 3374
3318       <defpath_id id="1525" /> 3378
3320     </logic>
3318   - <syncbar id="11"> 3362
3320     <description />
3318     <startBar>T</startBar>
3320     <successors_id id="10" />
3318   </syncbar>
3320   - <syncbar id="12">
3318     <description />
3320     <endBar>T</endBar>
3318     <predecessors_id id="1526" />
3320   </syncbar>
3318   - <event id="1528" name="??Event_name">
3320     <description>??Event_desc</description>
3318     <type>REQUEST-GUARD</type>
3320     <request>PROPPATCH</request>
3318   </event>
3318   - <event id="1530" name="??Event_name">
3320     <description>??Event_desc</description>
3318     <type>REQUEST-GUARD</type>
3320     <request>PROPPATCH</request>
3318   </event>
3318   - <event id="1532" name="??Event_name">
3320     <description>??Event_desc</description>
3318     <type>REQUEST-GUARD</type>
3320     <request>PROPPATCH</request>
3318   </event>
3318   - <event id="1534" name="??Event_name">
3320     <description>??Event_desc</description>
3318     <type>REQUEST-GUARD</type>
3320     <request>PROPPATCH</request>
3318   </event>
3318   - <event id="1536" name="??Event_name">
3320     <description>??Event_desc</description>
3318     <type>REQUEST-GUARD</type>
3320     <request>PROPPATCH</request>
3318   </event>
3308 </process>

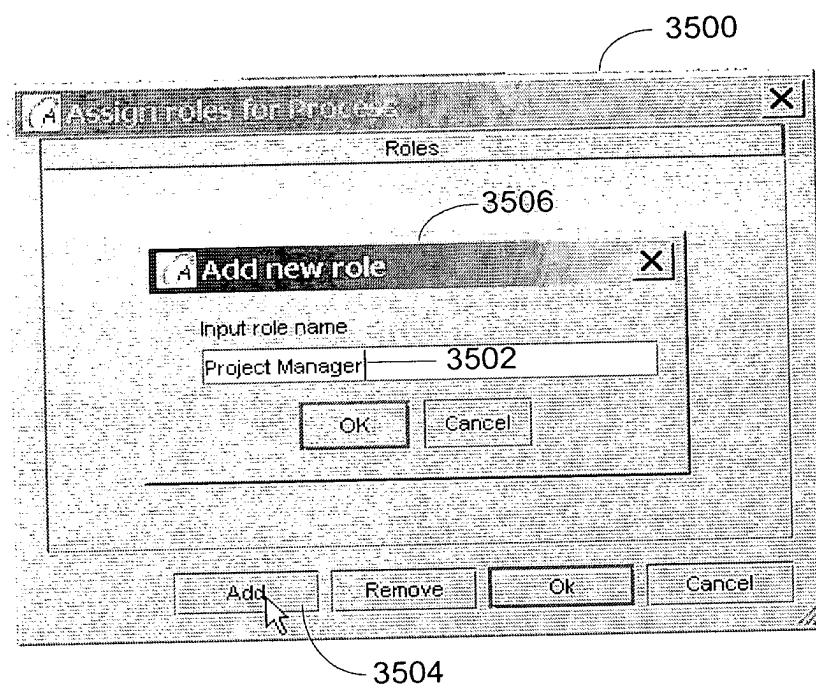
```

# FIG. 34

3400  
3416  
3418  
3420  
3424  
3426  
3410  
3414  
3412

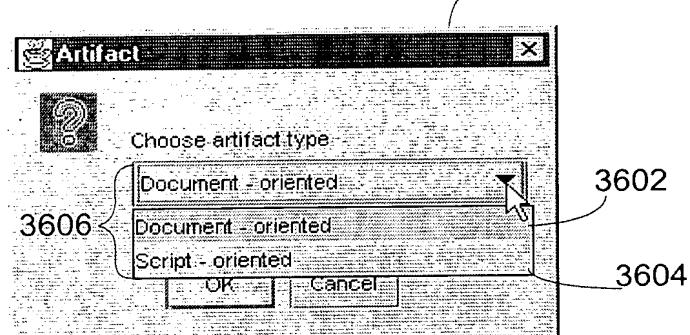


**FIG. 35**

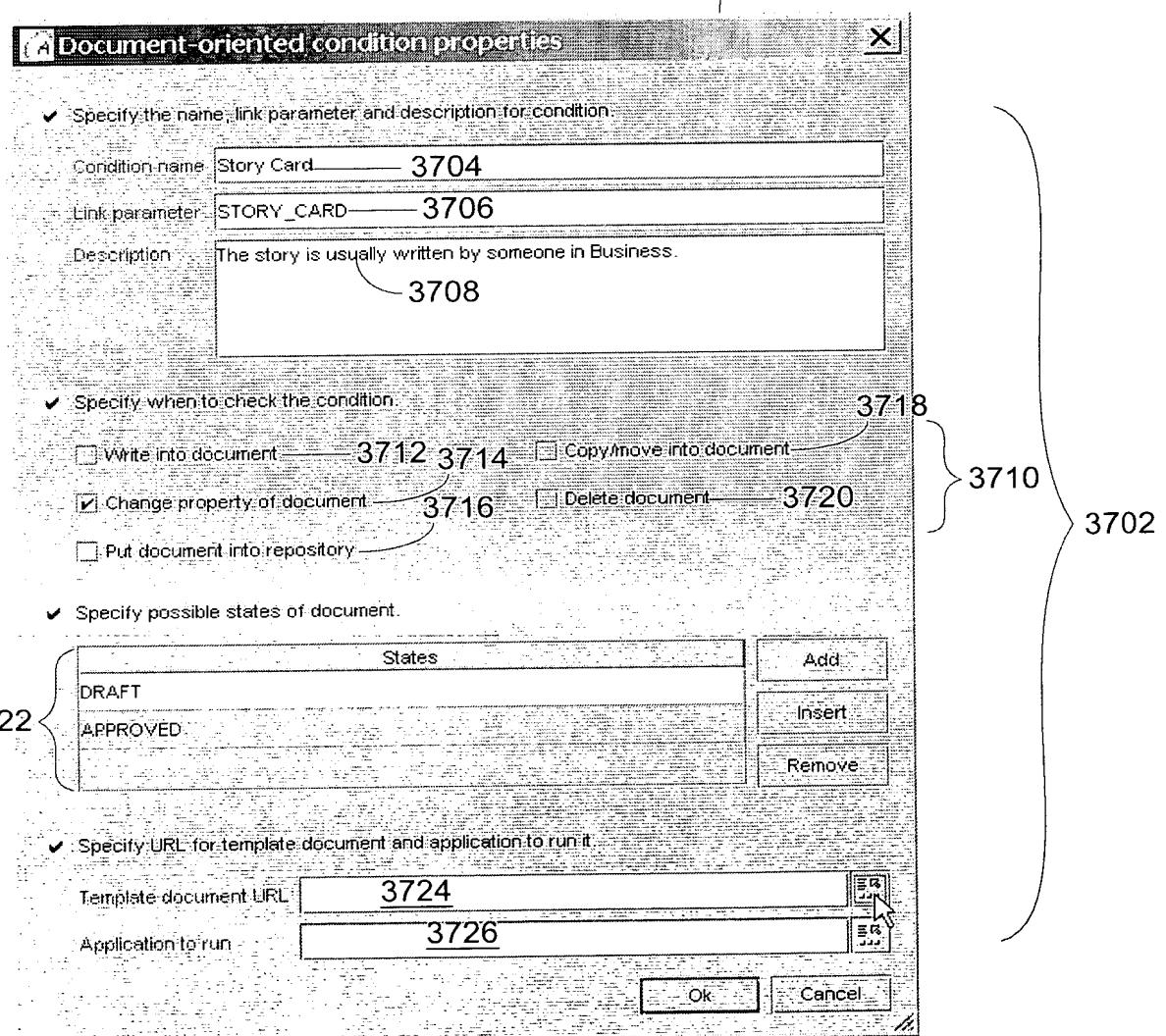


01033120-00344661

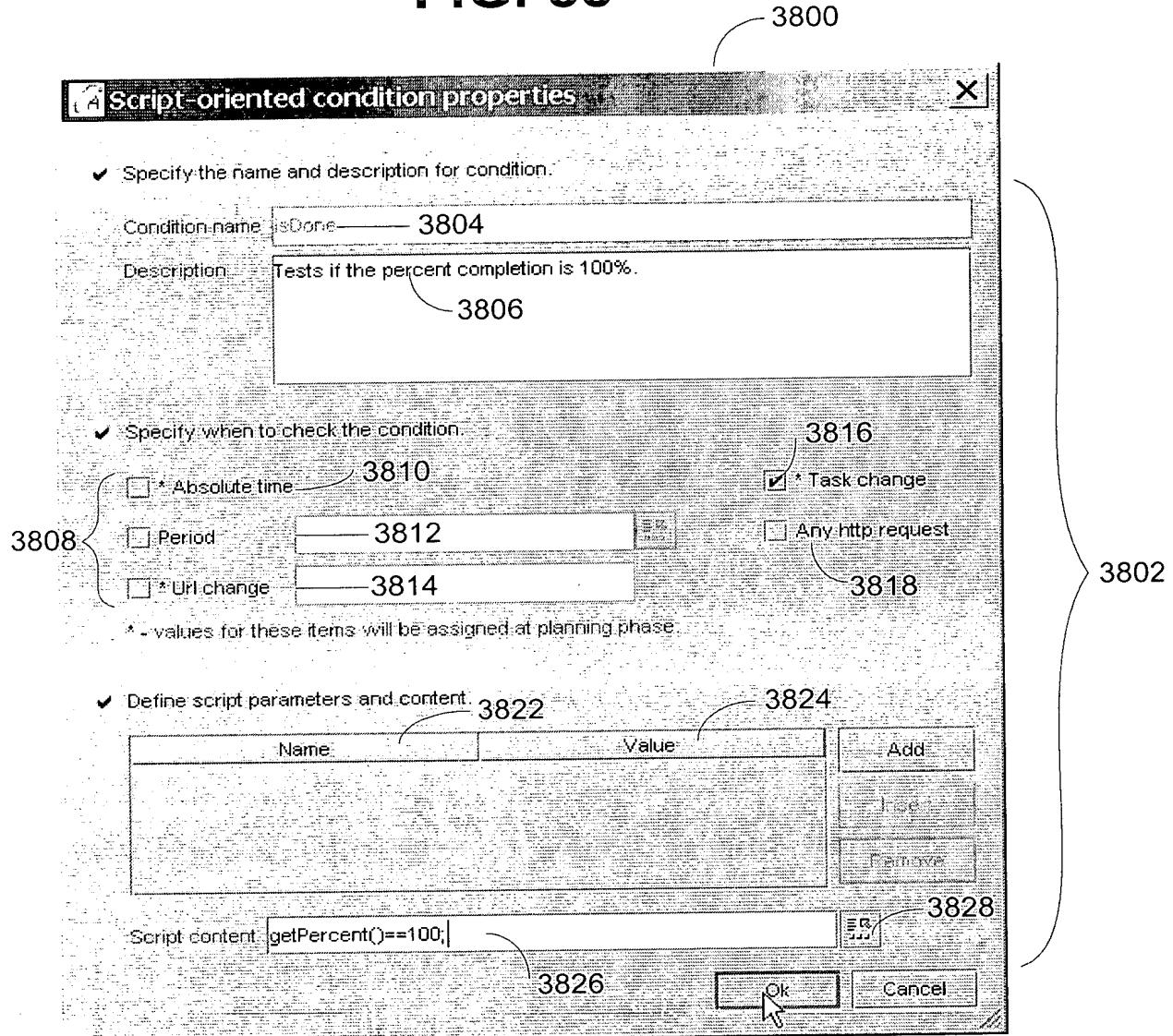
## FIG. 36



## FIG. 37

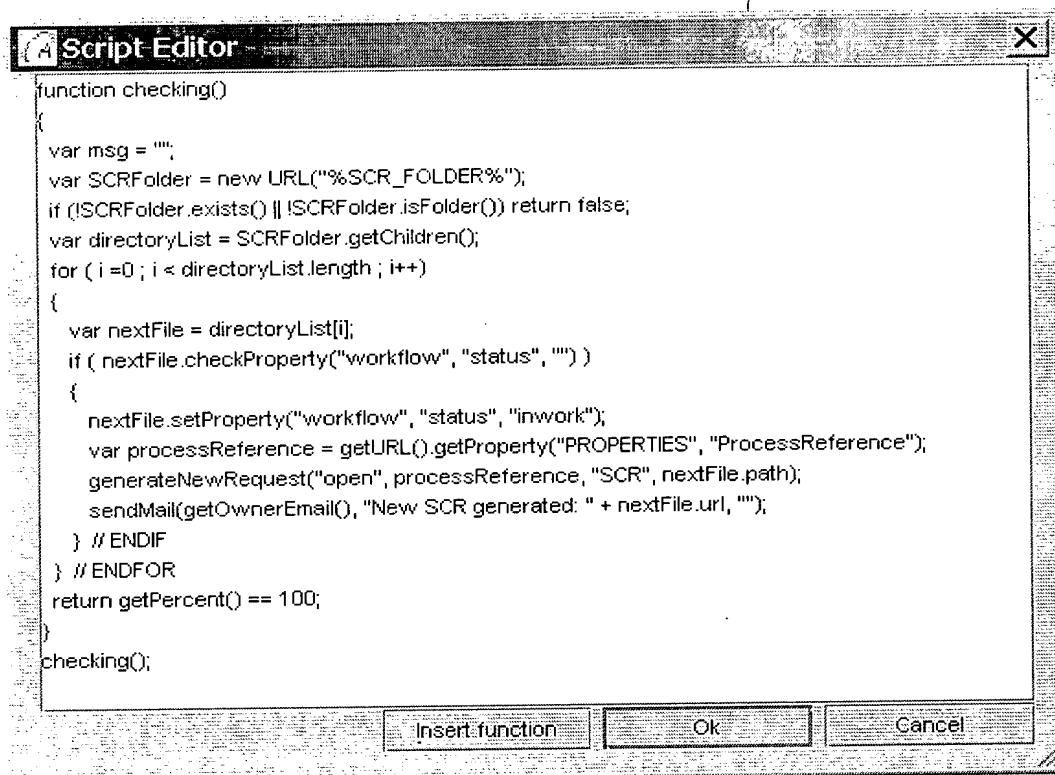


# FIG. 38



# FIG. 39

3900



0004 0006 0008 0010 0012

# FIG. 40

4000

Properties	Parameters	Conditions	Description
Name	Specs Development		Value
duration	1		
duration format	Units		
responsible role	Project Manager		
onEntry script			
onExit script	sendMail(getOwnerEmail(), getProjectName(), "Specs Development")		
subprocess URL	processGroup1/Specs_Development.xml		

4002

4004

4006

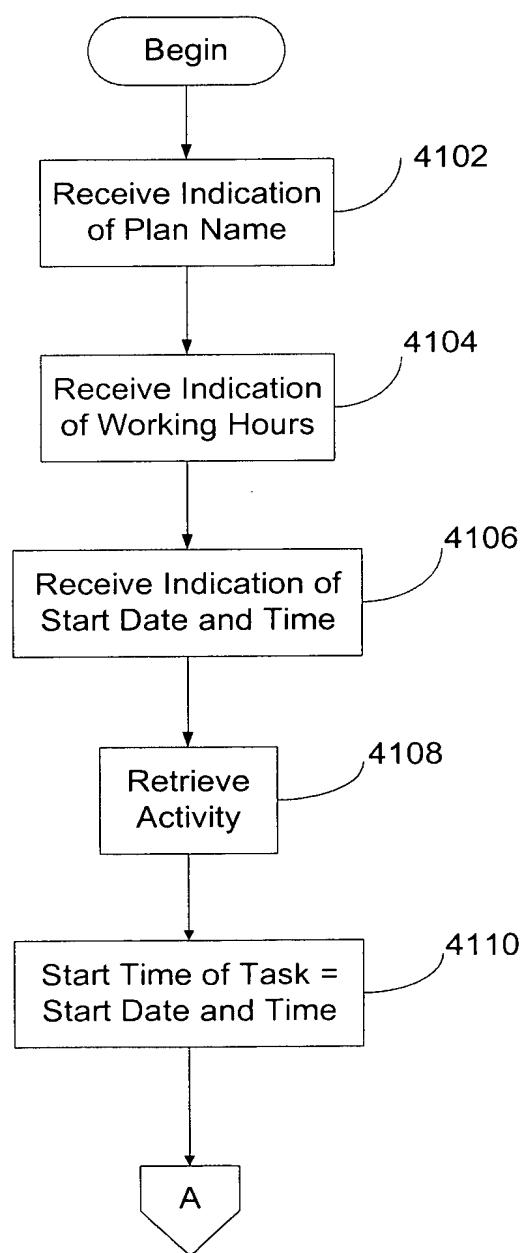
4008

4010

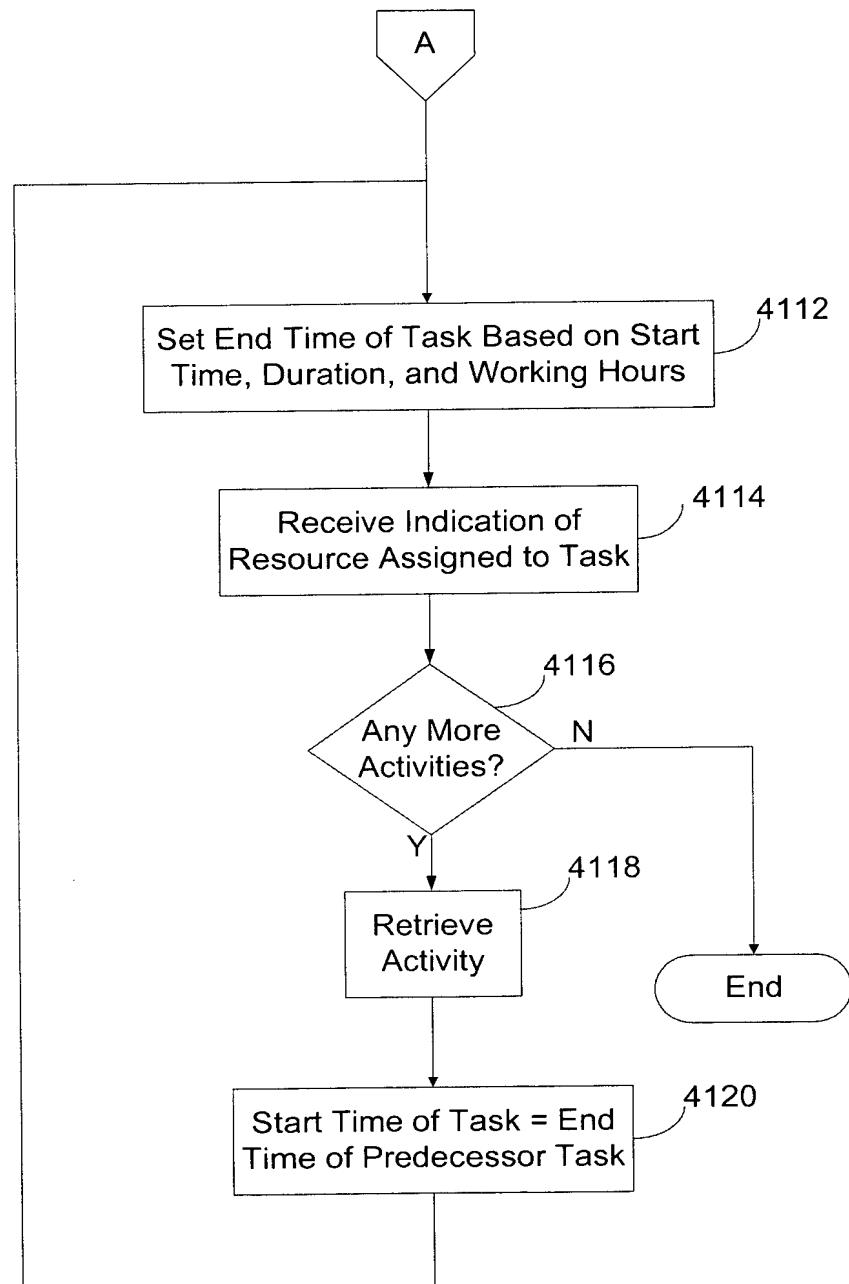
4012

**FIG. 41A**

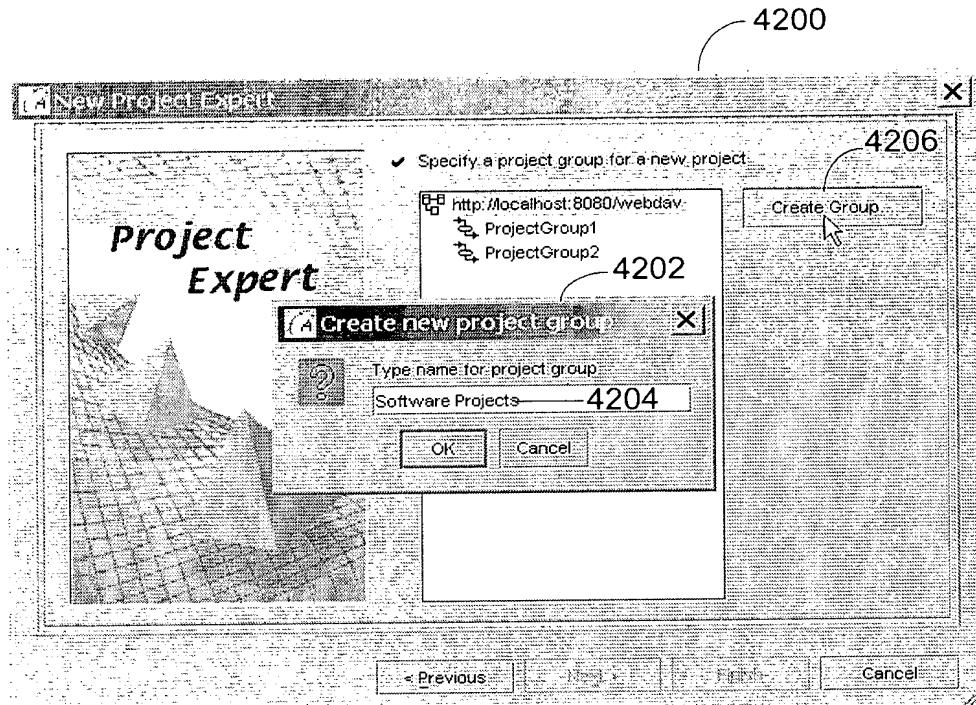
05544622 002 002



**FIG. 41B**



## FIG. 42

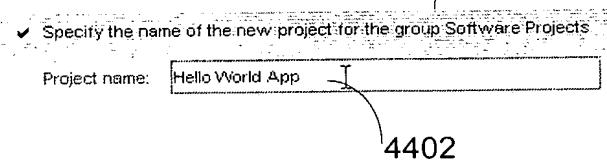


DETAILED DESIGN

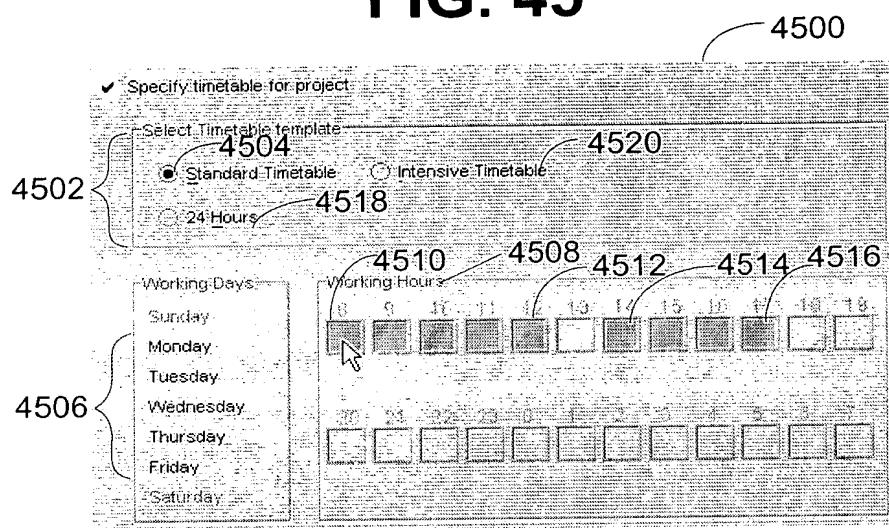
## FIG. 43



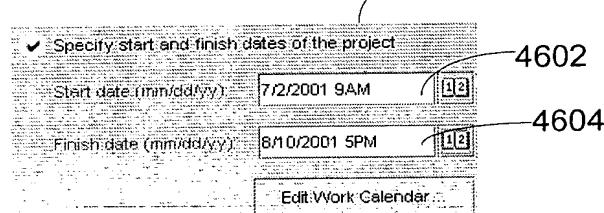
## FIG. 44



## FIG. 45



## FIG. 46



# FIG. 47

4700



```

<?xml version="1.0" encoding="UTF-8" ?>
<process group="" name="Serial & Parallel">
  <description />
  <role name="Worker" />
  <activity id="10" name="Serial 1" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="9" /> 4704
    <predecessors_id id="11" />
    <successors_id id="1522" />
  </activity>
  <activity id="1523" name="Parallel 1" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4710
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1524" name="Parallel 2" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4712
    <predecessors_id id="1522" />
    <successors_id id="1525" />
  </activity>
  <activity id="1526" name="Serial 2" responsibleRole="Worker">
    <description />
    <defduration units="hours" value="24" /> 4716
    <predecessors_id id="1525" />
    <successors_id id="12" />
  </activity>
  <syncbar id="11">
    <description />
    <startBar>T</startBar>
    <successors_id id="10" />
  </syncbar>
  <syncbar id="12">
    <description />
    <endBar>T</endBar>
    <predecessors_id id="1526" />
  </syncbar>
  <syncbar id="1522" name="SyncBarH1">
    <description />
    <predecessors_id id="10" />
    <successors_id id="1523" />
    <successors_id id="1524" />
  </syncbar>
  <syncbar id="1525" name="SyncBarH2">
    <description />
    <predecessors_id id="1523" />
    <predecessors_id id="1524" />
    <successors_id id="1526" />
  </syncbar>
</process>

```

# FIG. 48

T07E00269660

```

<?xml version="1.0" encoding="UTF-8" ?>
- <A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  - <A:description>
    - <![CDATA[
      No Description
    ]]>
  </A:description>
  - <A:task activityID="10" caption="Serial 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 9</A:start> 4804
    <A:finish>2001 8 1 18</A:finish> 4806
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  - <A:task activityID="1523" caption="Parallel 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4812
    <A:finish>2001 8 2 18</A:finish> 4816
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  - <A:task activityID="1524" caption="Parallel 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start> 4814
    <A:finish>2001 8 2 18</A:finish> 4818
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  - <A:task activityID="1526" caption="Serial 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start> 4822
    <A:finish>2001 8 3 18</A:finish> 4824
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  - <A:task activityID="NONE" caption="Serial And Parallel"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
  </A:task>

```

4800



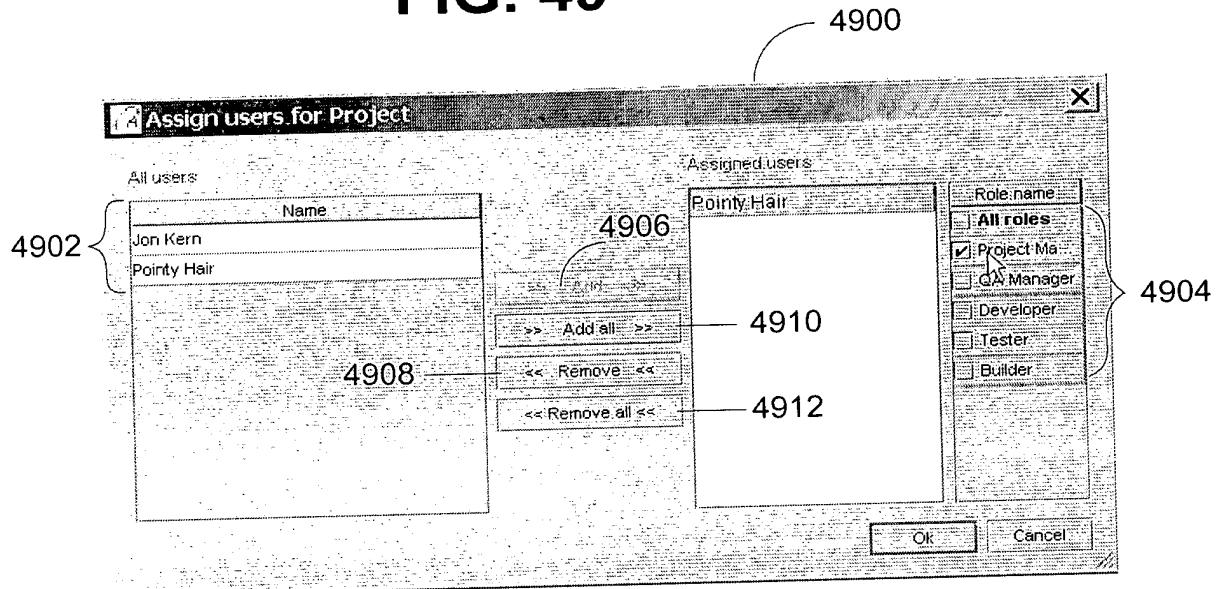
4802

4808

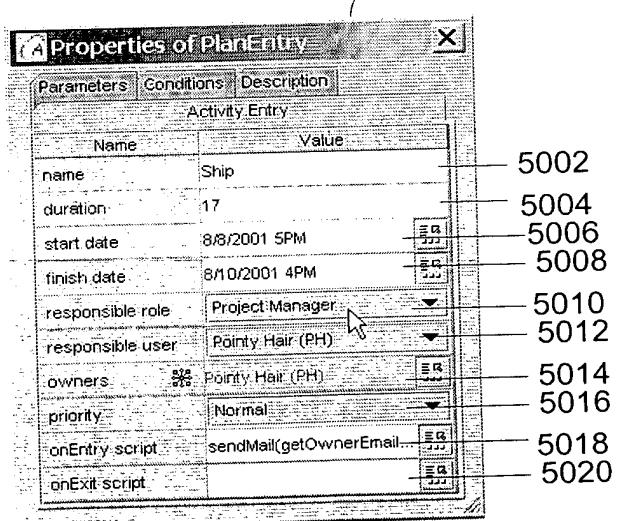
4810

4820

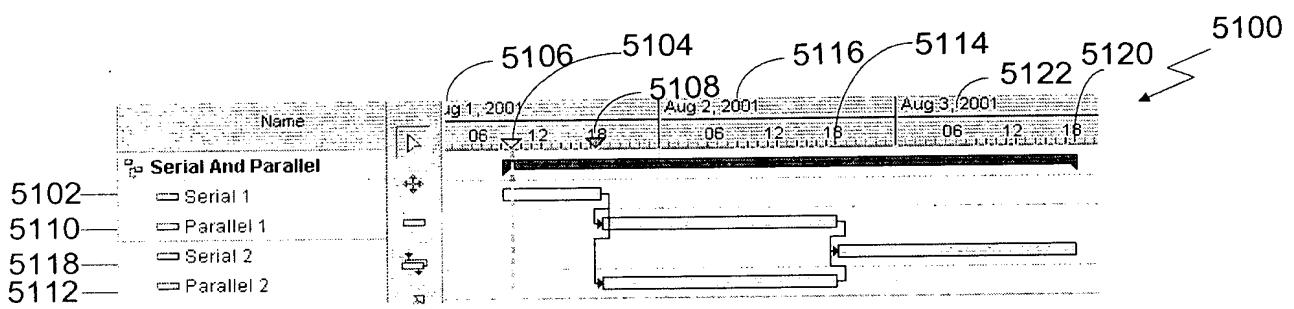
**FIG. 49**



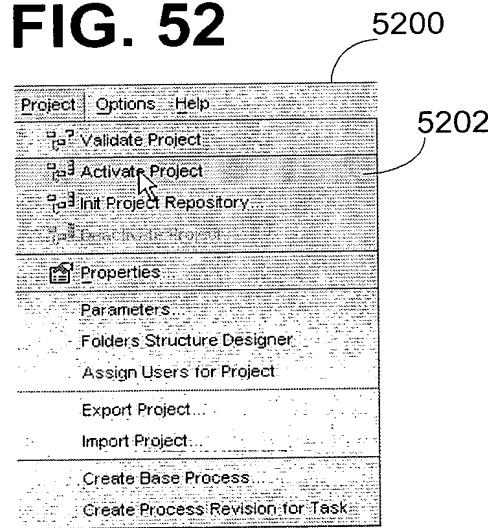
**FIG. 50**



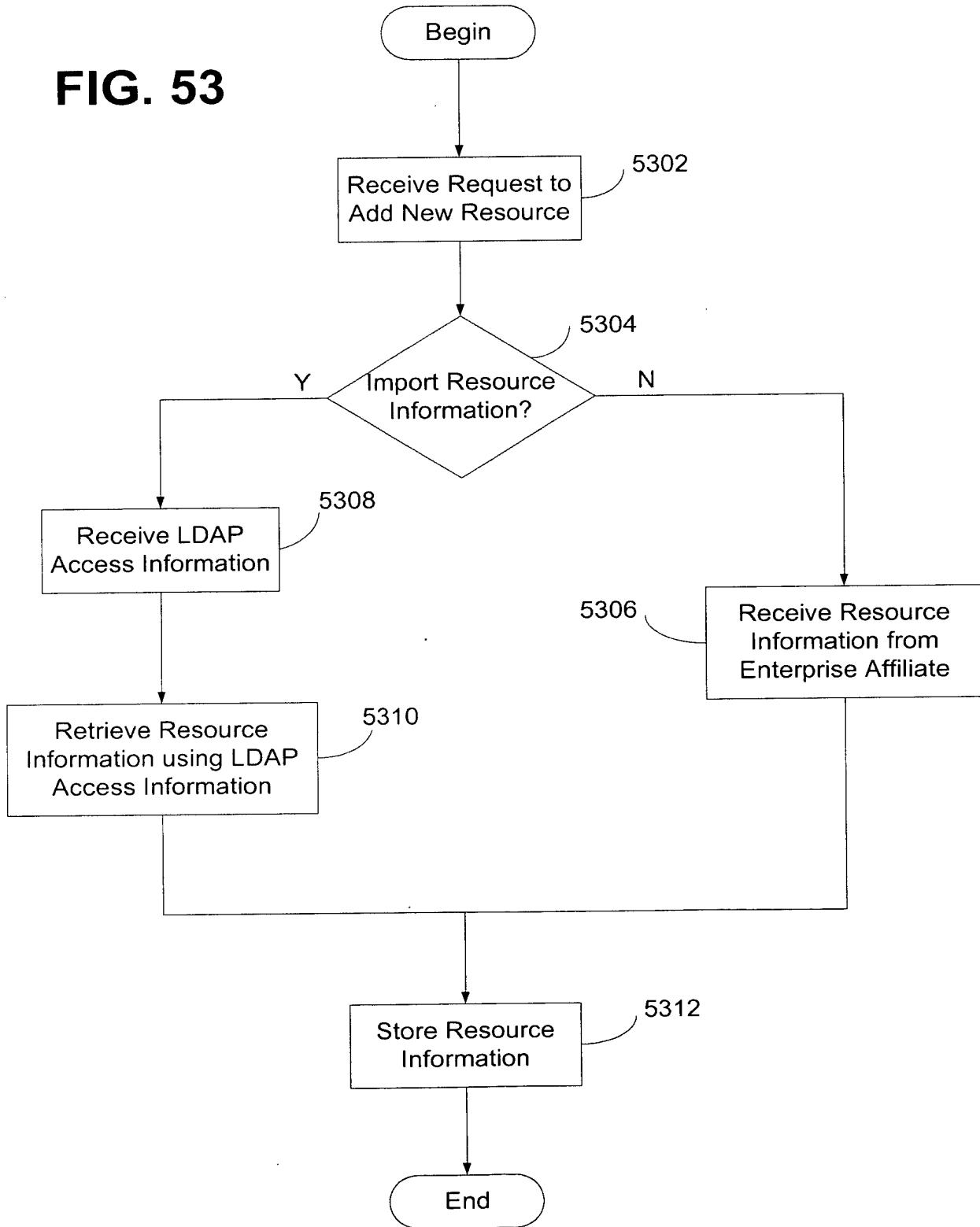
## FIG. 51



## FIG. 52

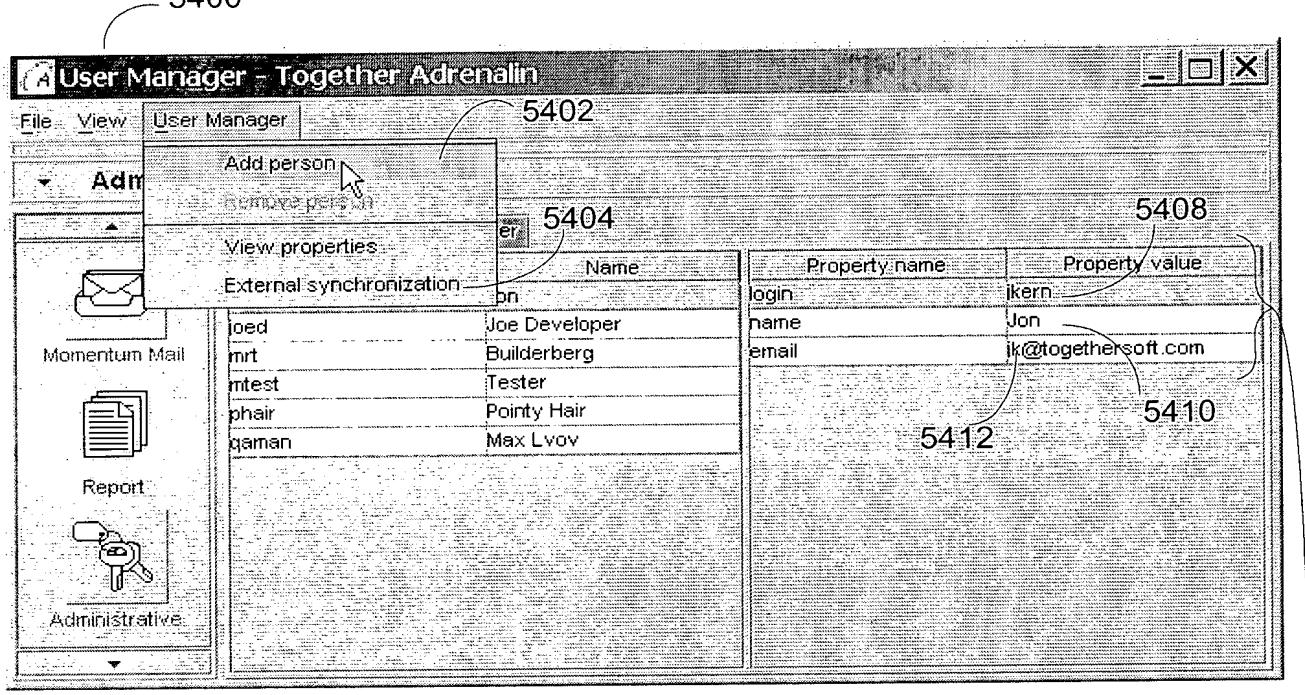


**FIG. 53**



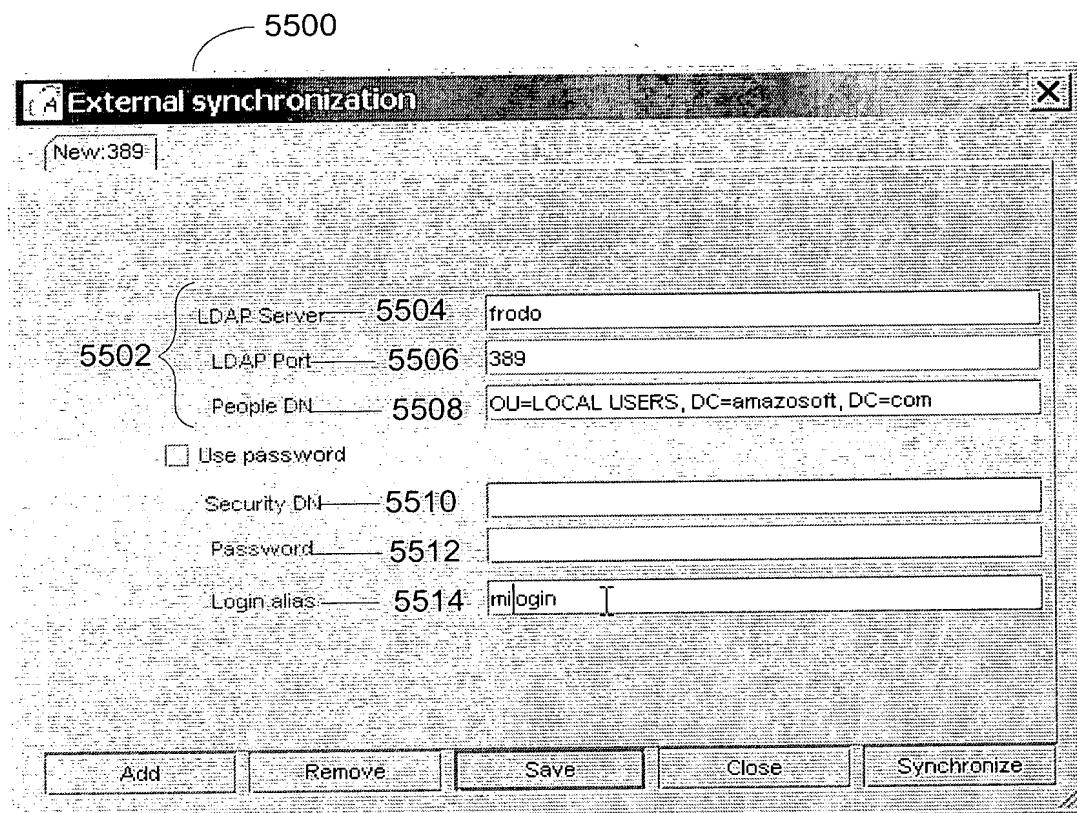
# FIG. 54

TOP SECRET - EYES ONLY



5406

# FIG. 55

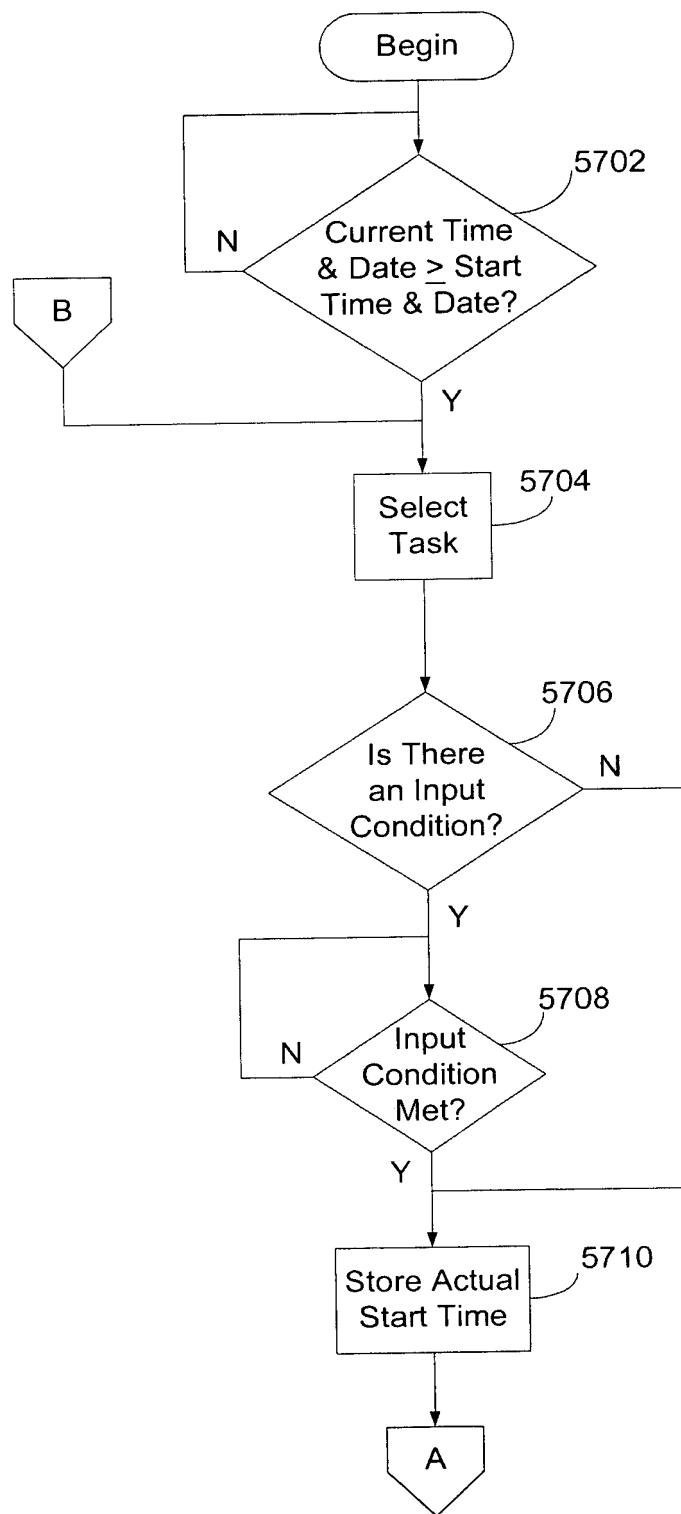


# FIG. 56

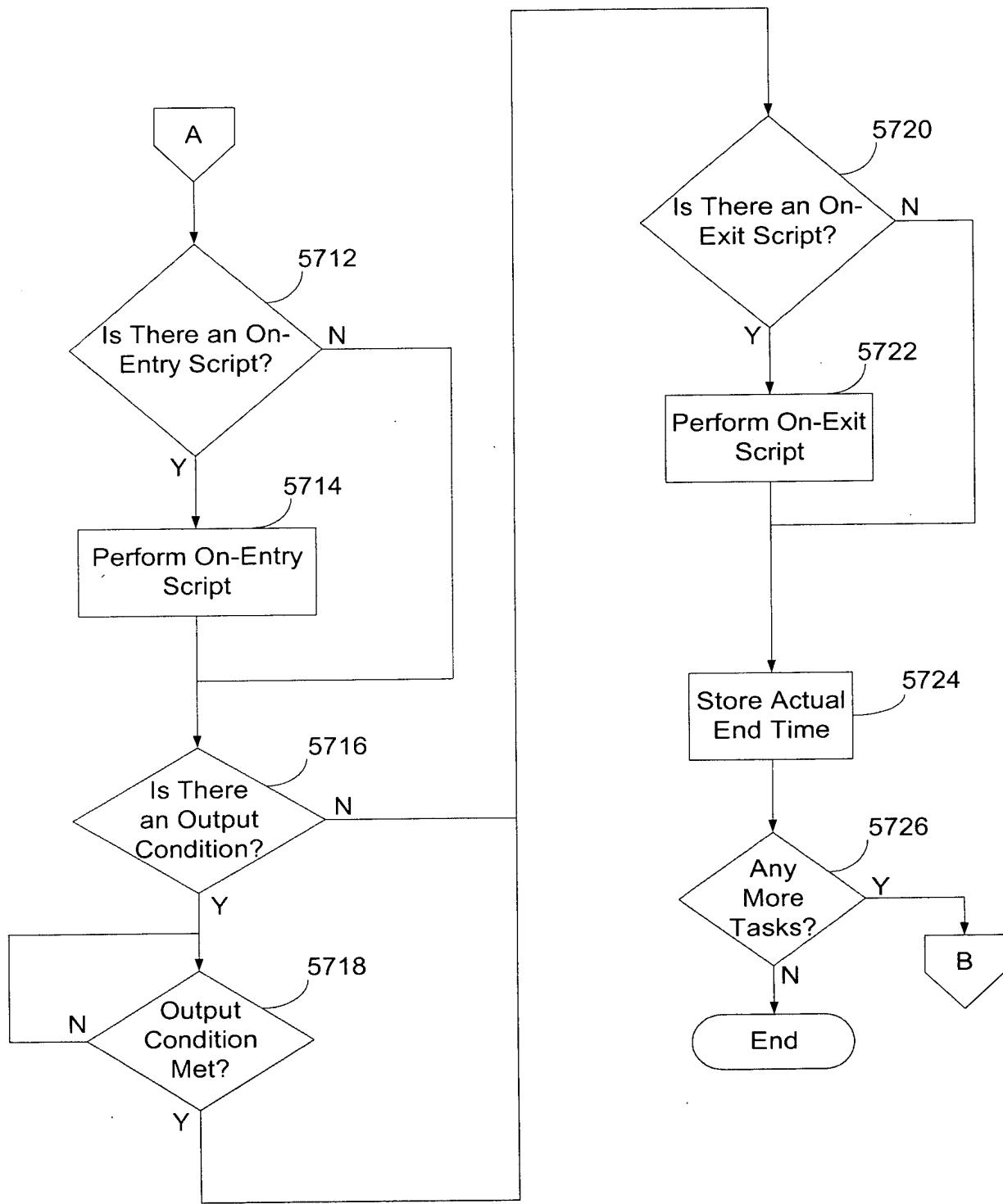
5600  
↓

```
<?xml version="1.0" encoding="UTF-8" ?>
- <users>
  - <user>
    <id>PH</id>
    <name>Pointy Hair</name>
    <email>ph@company.com</email>
    <password>ZGV364==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  5610
  - <user>
    <id>MQ</id>
    <name>Mister Quality</name>
    <email>mq@company.com</email>
    <password>ZGV636==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  5612
  - <user>
    <id>MB</id>
    <name>Mister Build</name>
    <email>mb@company.com</email>
    <password>ZGV835==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  5606
  - <user>
    <id>MT</id>
    <name>Mister Tee</name>
    <email>mt@company.com</email>
    <password>ZGV470==</password>
    url= "Software_Projects/Hello-World_App/Users_1.xml"
  5608
  - </user>
  - </users>
```

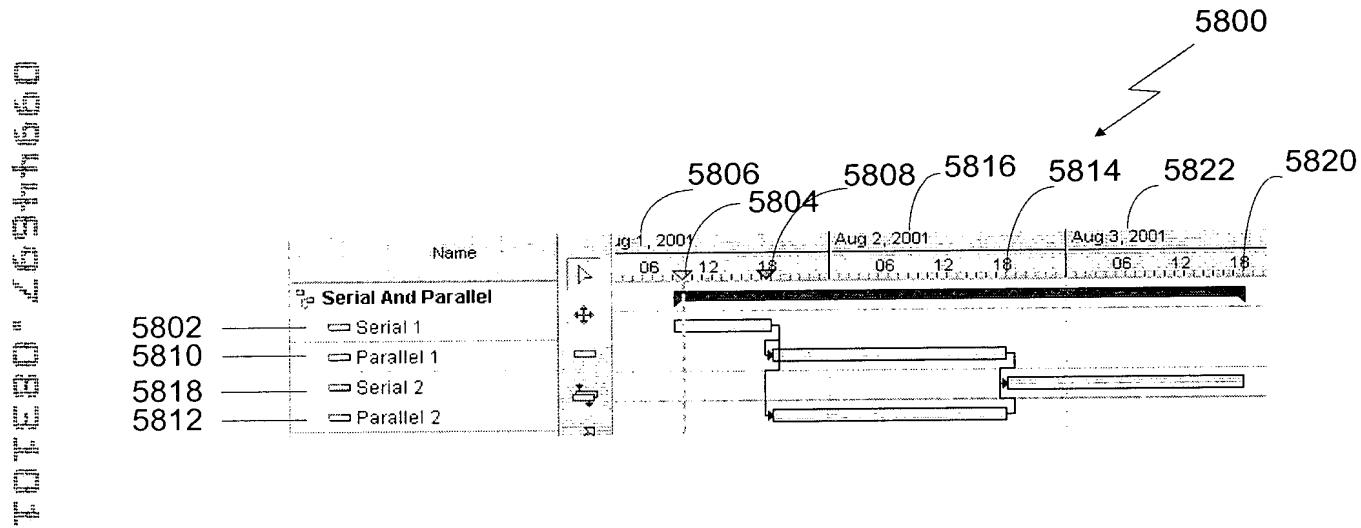
**FIG. 57A**



**FIG. 57B**



**FIG. 58**

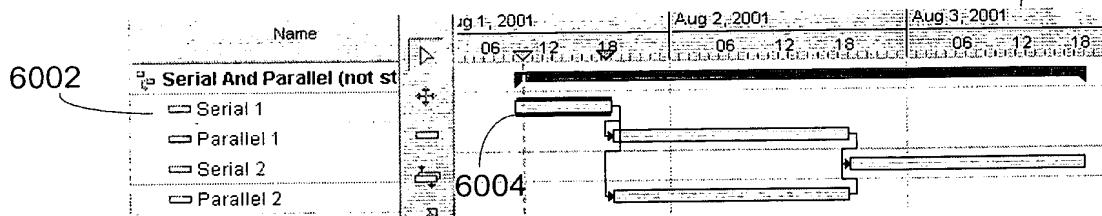


# FIG. 59

5900

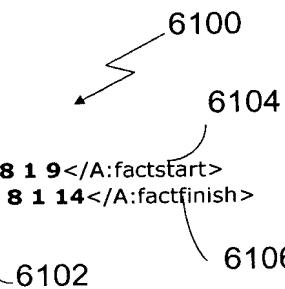
```
<?xml version="1.0" encoding="UTF-8" ?>
<A:plan name="Serial_And_Parallel" userid="JK" xmlns:A="workflow">
  <A:description>
    - <![CDATA[
      No Description
    ]]>
  </A:description>
  <A:task activityID="10" caption="Serial 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_2.xml" name="Task_2"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 1 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:successor name="Task_3" />
    <A:successor name="Task_4" />
  </A:task>
  <A:task activityID="1523" caption="Parallel 1"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_3.xml" name="Task_3"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1524" caption="Parallel 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_4.xml" name="Task_4"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 18</A:start>
    <A:finish>2001 8 2 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_2" />
    <A:successor name="Task_5" />
  </A:task>
  <A:task activityID="1526" caption="Serial 2"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_5.xml" name="Task_5"
    owner="Worker"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 2 18</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:supertask name="Task_1" />
    <A:user>JK</A:user>
    <A:predecessor name="Task_3" />
    <A:predecessor name="Task_4" />
  </A:task>
  <A:task activityID="NONE" caption="Serial And Parallel"
    link="Sample_Project_Plans/Serial_And_Parallel/Task_1.xml" name="Task_1"
    processURL="http://localhost:8080/webdav/ProcessGroup2/Process1.xml"
    type="general" userid="JK">
    <A:start>2001 8 1 8</A:start>
    <A:finish>2001 8 3 18</A:finish>
    <A:user>JK</A:user>
    <A:subtask name="Task_2" />
```

## FIG. 60

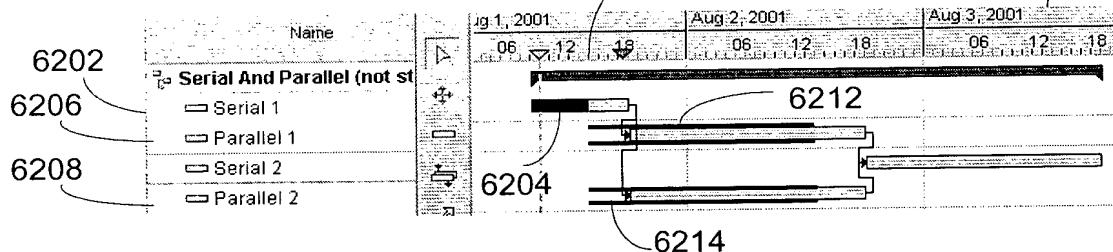


## FIG. 61

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 9</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 1 14</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 1" />
</A:FilePropertyMap>
```

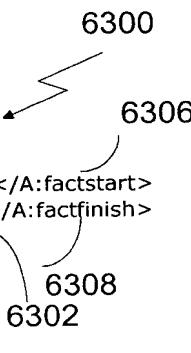


## FIG. 62

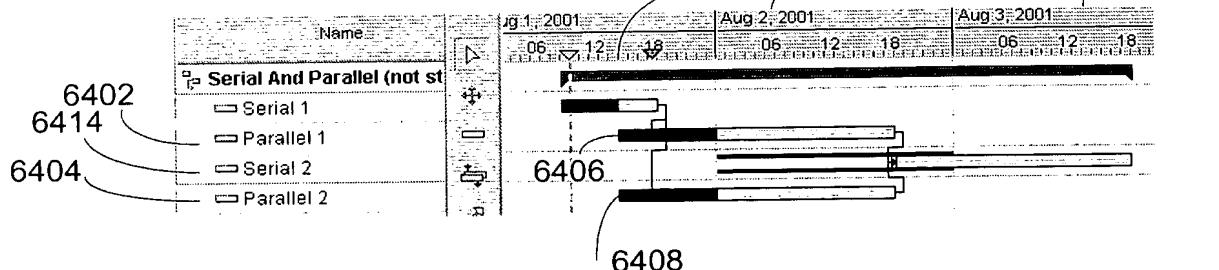


## FIG. 63

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 1 14</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 0</A:factfinish>
  <A:ProjectTask xmlns:A="Parallel 1" />
  <A:ProjectTask xmlns:A="Parallel 2" />
</A:FilePropertyMap>
```



## FIG. 64



## FIG. 65

```
<?xml version="1.0" encoding="UTF-8" ?>
- <A:FilePropertyMap xmlns:A="adrenalin:">
  <A:factstart xmlns:A="workflow">2001 8 2 0</A:factstart>
  <A:factfinish xmlns:A="workflow">2001 8 2 12</A:factfinish>
  <A:ProjectTask xmlns:A="Serial 2" />
</A:FilePropertyMap>
```

6500  
6504  
6506  
6502

## FIG. 66

